



Board of Directors Meeting of the
Central Midlands Council of Governments

Thursday, December 12, 2019 ♦ 12:00 p.m. ♦ CMCOG Conference Room

OVERALL AGENDA

ACTION

A. Call to Order and Introductions

Steve MacDougall,
Chair

1. Pledge of Allegiance
2. Determination of a Quorum
3. Approve Order and Contents of the Overall Agenda
4. Introduction of New Board Members
 - John Burris, SCDOT Commissioner
 - Tem Miles, Mayor of West Columbia
5. Introduction of Guests
6. Invocation

Guillermo Espinosa

B. Consent Agenda

1. Approval of the October 24, 2019 Board Meeting Minutes (*Enclosure 1*)
2. 2016 – 2022 TIP Amendment –Kitty Hawk Drive (*Enclosure 2*)
3. Resolution to apply for Federal and State Grants (*Enclosure 3*)
4. FY 2019 Annual Listing of Obligated Projects (*Enclosure 4*)

C. Regular Agenda

1. 2040 LRTP Amendment-Setting the Safety Performance Measures (*Enclosure 5*)
2. FY 2020-2022 DBE Goal (*Enclosure 6*)
3. CMCOG Authorization of Section 5307 Funds to CMRTA (*Enclosure 7*)
4. CMCOG Authorization of Section 5339 Funds to CMRTA (*Enclosure 8*)
5. De-Federalizing Transit Facilities (*Enclosure 9*)

Reginald Simmons

Reginald Simmons

Reginald Simmons

Reginald Simmons

Reginald Simmons

INFORMATION

6. Announcements / Committee or Staff Reports / Correspondences

1. Executive Director's Report (*Enclosure 10*)
2. Town of Lexington Adaptive Signal System

Ben Mauldin

Britt Poole

7. Old/New Business

8. Other Business

9. Adjourn

REMINDER: The next CMCOG Board Meeting will be held on Thursday, January 23, 2020 in the COG Conference Room

Note: Full Agenda packets can be found on the CMCOG website at www.cmcog.org.



**Board of Directors Meeting of the
Central Midlands Council of Governments**

Thursday, October 24, 2019 ♦ 12:00 p.m. ♦ CMCOG Conference Room

BOARD MEMBERS PRESENT:

Vina Abrams, Newberry County
John Andoh, Comet
Jimmy Bales, Richland County Leg. Delegate
Larry Brigham, Lexington County Council
Susan Brill, Richland County
John Carrigg, Lexington County
Kathy Condom, Irmo Town Council
Ted Creech, City of Columbia
Todd Cullum, Lexington County Council
Smokey Davis, Lexington County
Joyce Dickerson, Richland County Council
Julie Ann Dixon, Richland County
Shawn Epps, City of Columbia
Doug Fabel, Richland County
Mike Fanning, Fairfield County Leg. Del.
Olin Gambrell, Batesburg-Leesville
Malcolm Gorge, Blythewood Town Council
Zebbie Goudelock, City of Newberry
Tameika Isaac-Devine, City of Columbia
William Leidinger, City of Columbia
Robert Liming, City of Columbia
Paul Livingston, Richland County Council
Yvonne McBride, Richland County Council
Walt McLeod, Newberry County
Joe Mergo, Lexington County Administrator
Chakisse Newton, Richland County Council
Elise Partin, City of Cayce Mayor
Cornelius Robinson, Newberry County Council
Charles Simpkins, Lexington County
Debbie Summers, Lexington County Council
Scott Whetstone, Lexington County Council

GUESTS PRESENT:

Marcy Hayden- SC Commission for Minority Affairs
Holland Leger - Lexington County Planning Director
Darren Ledbetter - SCDOT
Joey McIntyre - SCDOT
Michelle Dickerson - City of West Columbia
Michelle Ransom - The COMET

STAFF MEMBERS PRESENT:

Roland Bart, Chief Transportation Planner
Jennifer Brewton, AAA Director
Jessica Foster, Operations Coordinator
Chanell Jackson, Finance Director
Anna Harmon, Ombudsman Director
Jason Kent, GIS Manager
Ben Mauldin, Executive Director
Reginald Simmons, Deputy Executive
Director/Transportation Director
Gregory Sprouse, Planning Director

A. CALL TO ORDER

Chairperson Joyce Dickerson called the meeting to order at 12:00 p.m. on September 26, 2019.

- 1. Pledge of Allegiance**
- 2. Determination of Quorum**

Chairperson Dickerson declared the absence of a quorum

- 3. Approve Order and Contents of the Overall Agenda**
- 4. Introduction of Guests**

Roland Bart introduced the guests at today's meeting. They are listed on the first page.

- 5. Invocation**

Shawn Epps gave the Invocation.

B. CONSENT AGENDA

1. Approval of the September 26, 2019 Board Meeting Minutes, approved
2. Quarterly Financial Statement

MOTION, approved

Malcolm Gordge moved, seconded by Julie Ann Dixon, to approve the consent agenda. The motion was approved unanimously.

AT THIS TIME, JOYCE DICKERSON DECLARED THAT A QUORUM WAS PRESENT.

Robert Liming moved for approval, seconded by Mike Fanning to approve all previous items discussed. The motion was approved unanimously.

C. Regular Agenda

C1. Community Economic Development Strategy Update

Gregory Sprouse presented the CEDS Annual Update for approval. The 2017-2022 CEDS was previously submitted and approved by the U.S Department of Commerce Economic Development Administration (EDA). The 2019 annual update provides current information about regional growth, community development, workforce, infrastructure investment and economic indicators.

MOTION, approved

Smokey Davis moved, seconded by Julie Ann Dixon, to approve the Community Economic Development Strategy Update. The motion was approved unanimously.

D. Announcements

D1. Regional Long-Term Care ombudsman Program Update

Anna Harmon provided an update on the Long-Term Care Ombudsman Program. She discussed the program's role and responsibilities, its relationship with other regulatory and law enforcement agencies; the types of complaints most frequently reported; training efforts; and the Volunteer Ombudsman Program. She also presented examples of complaints reported during the past fiscal year. A brief discussion took place.

D2. Census 2020-Shape Your Future, START HERE

Ben Mauldin gave an update on the Census.

D3. South Carolina Commission for Minority Affairs

Marcy Hayden provided an overview of the South Carolina Commission for Minority Affairs. The Commission was created by Governor Carroll Campbell in 1992. Their vision is to ensure that all ethnic minority citizens will be treated equitably and achieve economic prosperity through socio-cultural awareness, collaboration, policy change, and research. They will accomplish this vision through their mission to be a catalyst that identifies and examines emerging issues and trends by providing constructive solutions and approaches to support the policy and socio-economic development of ethnic minority communities through:

- Community engagement and awareness;
- State recognition of Native Americans;
- Collecting, diagnosing and analyzing collaborative data;
- Acting as a liaison bridging the gap between communities, government agencies and other organizations and;
- Influencing public policy and state services

The South Carolina Commission for Minority Affairs has three (3) Ethnic Affairs Divisions. They include the African American Affairs, Hispanic Affairs, and the Native American Affairs Divisions.

D4. Executive Directors Report

Ben Mauldin gave the following report:

1. The South Carolina Council of Governments Annual Conference will be held on November 24-26, 2019. The theme this year is "Together Towards Tomorrow". Instructions on how to attend the conference were provided.

2. The South Carolina Midlands Career Fair will be held November 14, 2019 from 10 a.m. – 2:00 p.m. at Dutch Square Mall.
3. The Central Midlands Area Agency on Aging Program Update:
 - The Little Mountain Senior Center was officially re-opened on October 1, 2019. They are currently serving congregate meals and providing activities for the residents.
 - The Regional Long Term Care Ombudsman Program hosted a conference on “Respect and Dignity” on October 23, 2019. There will be a 2nd Conference on October 30, 2019. Instructions on how to attend the conference was provided.

E. OLD / NEW BUSINESS

No old/new business was brought forth.

F. OTHER BUSINESS

No other business was brought forth.

G. ADJOURN

There being no further business, the meeting adjourned at approximately 1:00 p.m.

The Board of Directors of the Central Midlands Council of Governments approved these minutes at its December 12, 2019 meeting.

Benjamin J. Mauldin, Secretary-Treasurer

Steve MacDougall, Chairperson



Memorandum

TO: All Members of the CMCOG Board of Directors

FROM: Reginald Simmons, Deputy Executive Director/Transportation Director

DATE: December 12, 2019

SUBJECT: TIP Amendment – Kitty Hawk Drive Sidewalk Project

REQUESTED ACTION

The Central Midlands Council of Governments' staff requests approval to amend the 2016 - 2022 TIP to transfer \$292,000 in transportation funds from the Guidesshare Program to the Transportation Alternatives Program for the Kitty Hawk Drive Sidewalk Project.

PROGRAM DESCRIPTION

In FY 2014 CMCOG approved the Kitty Hawk Drive Sidewalk Project. The purpose of this project was to install an approximately 1,600 ft. sidewalk along Kitty Hawk Drive from Lee Circle to Durham Drive that would provide a safe pedestrian passageway from a residential community to nearby schools. But due to escalating project costs, the project remains unfinished. SCDOT has determined that an additional \$364,150.95 is needed to complete this project. This additional amount is due to the significant amount of drainage needed for this project as well as a cost comparison to some recent bids for comparable projects.

On December 14, 2017, the CMCOG Board of Directors approved the addition of \$292K in guideshare funds to support the completion of this project. At the request of SCDOT, CMCOG has unobligated TAP funds and has been requested to transfer this project to the Transportation Alternatives Program. The Town of Springdale will still provide the local match.

ATTACHMENT

Kitty Hawk Sidewalk Project Area Map
Letter from the Mayor

Kitty Hawk Drive Sidewalk Area Map



Map data ©2017 Google United States 200 ft



Mayor
Michael Bishop

South Carolina
SPRINGDALE

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www.SpringdaleSC.com

Mayor Pro-Tem
Gus Manos

Council
Steve O. Hallman
Nancy S. Peters
J. Kevin Reeley
Juston L. Ricard
Jacob R. Wilkerson

Administrator
Joe Boyes

April 24, 2014

Reginald Simmons
Central Midlands Council of Governments
236 Stoneridge Drive
Columbia, SC 29210

RE: Kitty Hawk Drive sidewalk

Dear Mr. Simmons,

I am writing to express my support for the Town of Springdale's Transportation Alternatives Program grant application to install a sidewalk along Kitty Hawk Drive.

Kitty Hawk Drive connects Airport High School and Fulmer Middle School to a large apartment complex and many single family homes. As you can imagine, this road is heavily-traveled by students on foot. The lack of a sidewalk combined with a blind curve in the roadway is a disaster waiting to happen.

As a small municipality we do not have the financial resources to complete this project without this federal funding. A project of this size amounts to 10% of our annual budget. Without significant cuts to our services we will be unable to install this sidewalk. It is for this reason that I urge you to award Springdale this grant funding so that Lexington County's school children will have a safe route to school.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Bishop".

Mayor Michael Bishop
Town of Springdale



RESOLUTION

RESOLUTION AUTHORIZING THE FILING OF GRANT APPLICATIONS WITH THE UNITED STATES DEPARTMENT OF TRANSPORTATION AND THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION AND THE EXECUTION OF GRANT AGREEMENTS THAT MAY RESULT FROM THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENT GRANT APPLICATIONS.

WHEREAS, the United States Department of Transportation (USDOT) and the South Carolina Department of Transportation (SCDOT) are authorized to make grants for transportation and mass transit planning programs and projects and intermodal transportation programs and projects; and

WHEREAS, the Central Midlands Council of Governments (CMCOG) is eligible to receive capital, operating/administrative, and planning/special studies funding assistance from the USDOT and the SCDOT, in accordance with the Code of Laws of South Carolina; and

WHEREAS, contracts for planning/special studies, operating/administrative, and capital assistance will impose certain obligations upon the applicant, including the provision, as applicable, of the local share of the project costs; and

WHEREAS, it is required by the USDOT and the SCDOT in accordance with the provisions of Title VI of the Civil Rights Act of 1964, as amended, that the applicant gives assurance that it will comply with Title VI and other pertinent USDOT and SCDOT requirements; and

WHEREAS, it is the goal of the applicant that minority business enterprise be utilized to the fullest extent possible in connection with these projects, and that procedures shall be established and administered to ensure that minority businesses shall have the maximum feasible opportunity to compete for contracts.

NOW, THEREFORE BE IT RESOLVED BY THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS:

- 1) that the Executive Director of the Central Midlands Council of Governments is authorized to execute and file grant applications on behalf of the Central Midlands Council of Governments with the U.S. Department of Transportation and the South Carolina Department of Transportation to aid in the financing of projects.
- 2) that the Executive Director is authorized to execute and file with such applications any assurances or any other documents required by the U.S. Department of Transportation and the S.C. Department of Transportation effectuating the purposes of Title VI of the Civil Rights Act of 1964.

- 3) that the Executive Director is authorized to furnish such information as the U.S. Department of Transportation and/or the S.C. Department of Transportation may require in connection with the applications for the programs listed above.
- 4) that the Executive Director is authorized to set forth and execute affirmative minority business policies in connection with the program's procurement needs.
- 5) that the Executive Director is authorized to execute grant agreements on behalf of the Central Midlands Council of Governments with the U.S. Department of Transportation and the S.C. Department of Transportation for aid in the financing of transportation planning/special studies, capital, and operating/administrative assistance programs.

CERTIFICATION

THE UNDERSIGNED is the duly qualified Executive Director of Central Midlands Council of Governments, and hereby certify that the foregoing is a true and correct copy of a resolution adopted at an open meeting of the Central Midlands Council of Governments held on December 12, 2019.

Steve MacDougall, Chairman
Central Midlands Council of Governments

Benjamin J. Mauldin, Executive Director
Central Midlands Council of Governments

Witness

Witness



Memorandum

TO: All Members of the CMCOG **Rural Transportation Committee**

FROM: Reginald Simmons, Deputy Executive Director/Transportation Director

DATE: December 5, 2019

SUBJECT: FY 2019 Annual Listing of Obligated Projects

REQUESTED ACTION

The Central Midlands Council of Governments' staff requests a recommendation of approval to adopt the FY 2019 Annual Listing of Obligated Projects.

BACKGROUND

The annual listing of obligated projects is a record of the projects receiving federal transportation funds in the previous fiscal year. This listing is updated annually and is intended to increase awareness of federal spending on transportation projects in the Central Midlands Council of Government and Columbia Area Transportation Study Metropolitan Planning Organization planning areas. The Fixing America's Surface Transportation Act or "FAST Act", signed into law by the President in December 2015, requires that:

"An annual listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which Federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the State, transit operator, and metropolitan planning organization for public review." 23 CFR 134(j)(7)(B)

The most recent Annual Listing of Obligated Projects is available for review. Staff will present the final report for approval.

ATTACHED

FY 2019 Annual Listing of Obligated Projects

Columbia Area Metropolitan Planning Organization
Central Midlands Council of Governments

DRAFT - FY 2019 Annual Listing of Obligated Projects

October 1, 2018 – September 30, 2019



Approved by the CMCOG Board

About CMCOG

The Central Midland Council of Governments (CMCOG) is the designated Metropolitan Planning Organization (MPO) responsible for carrying out the urban transportation planning process for the Columbia Area Transportation Study (COATS). The COATS MPO study area boundary includes large portions of Richland and Lexington Counties and small portions of Calhoun and Kershaw Counties. The primary responsibilities of any MPO are to: 1) develop a Long Range Transportation Plan, which is the 30-year transportation vision for the metropolitan area; 2) develop a Transportation Improvement Program, which is the agreed-upon list of specific projects for which federal funds are anticipated; and 3) develop a Unified Planning Work Program (UPWP), which identifies in a single document the annual transportation planning activities that are to be undertaken in support of the goals, objectives and actions established in the Long-Range Transportation Plan.

As the MPO, CMCOG provides the forum for cooperative decision making in developing regional transportation plans and programs to meet changing needs. It is composed of elected and appointed officials representing local, state and federal governments or agencies having interest or responsibility in comprehensive transportation planning.

CMCOG Member Jurisdictions

MPO Municipalities:

City of Cayce
City of Columbia
City of Forest Acres
Town of Irmo
Town of Lexington
Town of Springdale
City of West Columbia
Town of Blythewood

Non-MPO Municipalities:

Town of Batesburg-Leesville
City of Newberry
Town of Winnsboro

Counties:

Fairfield County
Lexington County
Newberry County
Richland County

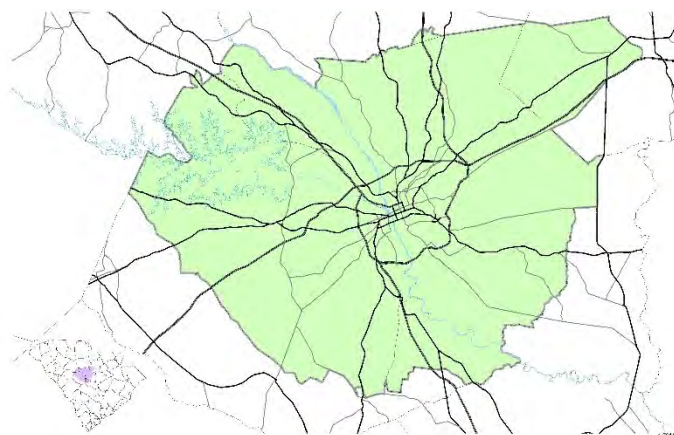
Other:

Calhoun County
Kershaw County

About COATS

The Columbia Area Transportation Study or COATS, is the cooperative effort by the participating member governments, transportation providers, and many other interested parties to develop a long-range transportation plan for the metropolitan area.

The preparation and publication of this document was financed in part by federal funds provided by the U.S. Department of Transportation through the Federal Highway Administration, Federal Transit Administration and the South Carolina Department of Transportation.



COATS 2019

Purpose of this Report

As revised by the SAFETEA-LU, 23 U.S.C. 134(j)(7)(B), 23 U.S.C. 135(g)(4)(B), 49 U.S.C. 5303(j)(7)(B), and 49 U.S.C. 5304(g)(4)(B) require "...an Annual Listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which Federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the State, transit operator, and metropolitan planning organization for public review. The listing shall be consistent with the funding categories identified in each metropolitan transportation improvement program (TIP)."

This provision is intended to increase the transparency of government spending on transportation projects and strategies in metropolitan areas to State and local officials, and to the public at large. Realizing this objective involves promoting accuracy and responsiveness in financial planning and adoption of a proactive approach to sharing information with the public in a meaningful way, at an appropriate time, and in a user-friendly format. This report responds to the directive. It lists all transportation projects in the Columbia Area Transportation Study Boundary that were obligated in federal fiscal year 2019 (October 1, 2018 - September 30, 2019).

The Federal Highway Administration (FHWA) defines obligation as the Federal government's legal commitment (promise) to pay or reimburse the States or other entities for the Federal share of a project's eligible costs. An obligated project is one that has been approved by the federal government for reimbursement. These projects may or may not have been started or completed in this year. The obligated project cost reflected in this report also may not be equal to the final project cost.

FY 2019 Annual Listing of Obligated Projects

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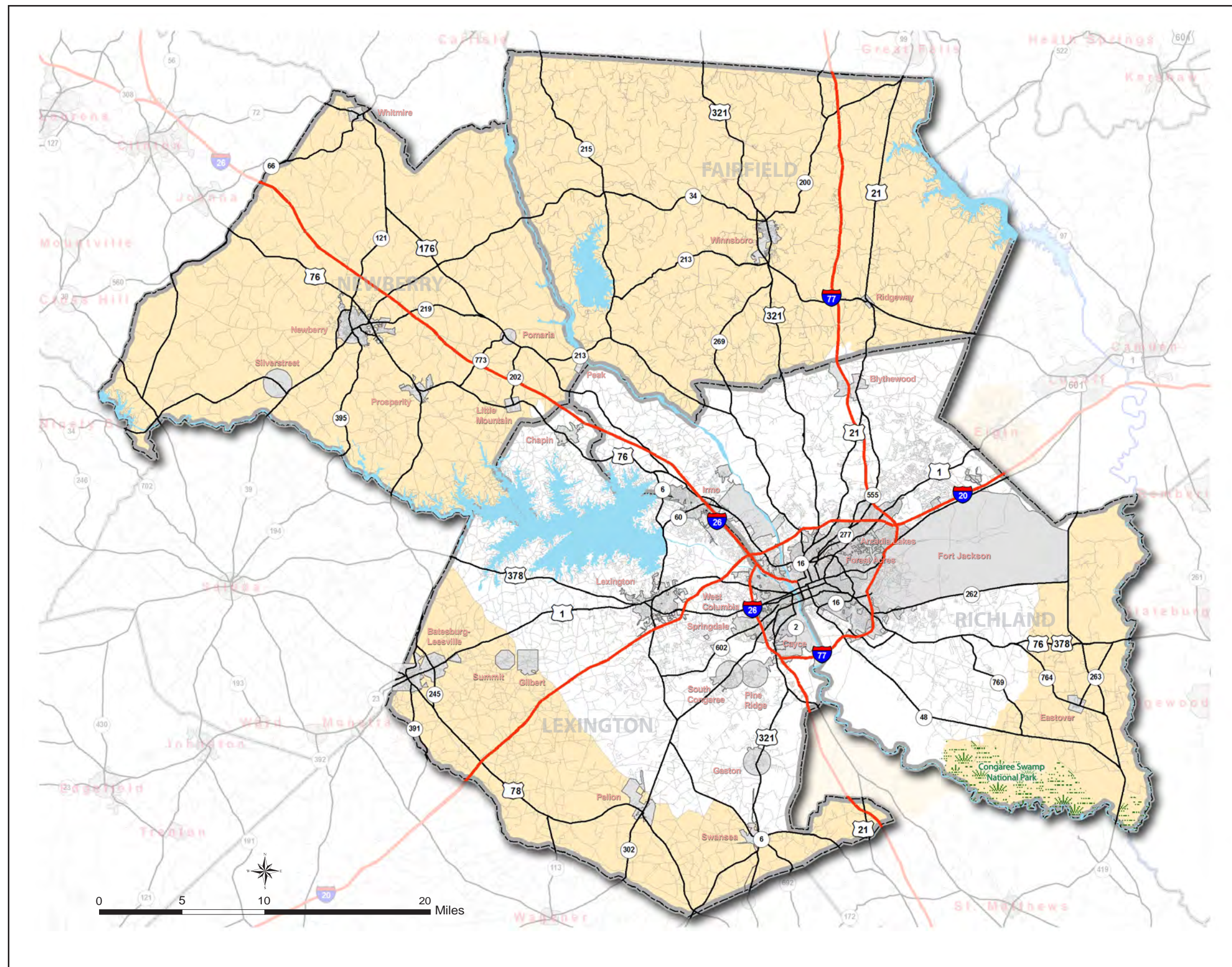
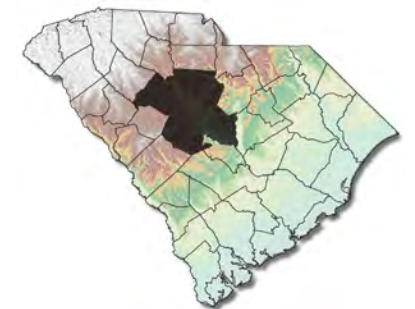


Figure 1

Central Midlands Council of Governments



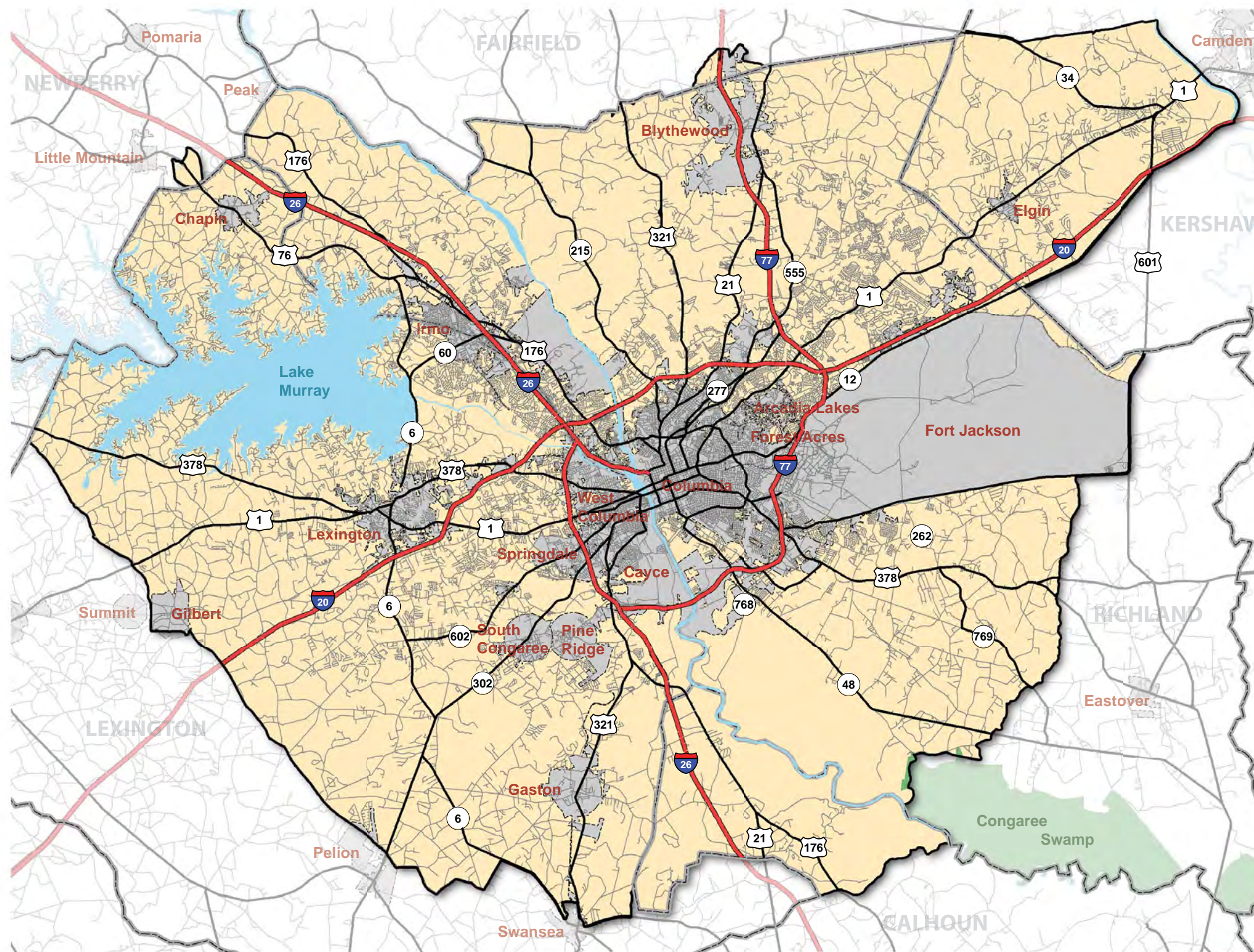
Rural Planning Area





Central Midlands Council of Governments

Prepared on: May 16, 2013

Central Midlands Council of Government disclaims responsibility for damage or liability associated with the use of this information. All reasonable efforts have been made to ensure accuracy.



-  2010 COATS MPO Boundary
-  Municipal Boundary
-  County Boundary



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BRIDGE MAINTENANCE

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Richland	P026814	S-52 (Killian Rd) over I-77 Bridge Rehab	Rehabilitate existing eastbound and westbound S-52 (Killian Road) Bridges over I-77 in Richland County. Work to be extended to existing Contract ID 4088830.	Bridge Maintenance	Bridge Construction	\$785,049.96	\$628,039.97	STBGP	Bridge Rehab	7/11/2019
Richland	P026816	SC 555 over I-77 Bridge Rehab	Rehabilitate existing Northbound and Southbound SC 555 (Farrow Road) bridges over I-77 in Richland County	Bridge Maintenance	Bridge Construction	(\$71,378.45)	(\$57,102.78)	STBGP	Bridge Rehab	7/10/2019
Richland	P026816	SC 555 over I-77 Bridge Rehab	Rehabilitate existing Northbound and Southbound SC 555 (Farrow Road) bridges over I-77 in Richland County	Bridge Maintenance	Engineering and Inspection	(\$123,134.79)	(\$98,507.81)	STBGP	Bridge Rehab	7/10/2019
Richland	P026816	SC 555 over I-77 Bridge Rehab	Rehabilitate existing Northbound and Southbound SC 555 (Farrow Road) bridges over I-77 in Richland County	Bridge Maintenance	Preliminary Engineering	(\$128.98)	(\$103.19)	STBGP	Bridge Rehab	7/10/2019
Lexington	P026817	S-278 over I-20	Rehabilitate existing S-278 (Calk's Ferry Road) Bridge over I-20 in Lexington County	Bridge Maintenance	Bridge Construction	\$5,410.19	\$4,328.15	STBGP	Bridge Rehab	3/1/2019
Lexington	P026817	S-278 over I-20	Rehabilitate existing S-278 (Calk's Ferry Road) Bridge over I-20 in Lexington County	Bridge Maintenance	Engineering and Inspection	\$5,000.00	\$4,000.00	STBGP	Bridge Rehab	7/19/2019
Richland	P038688	S-2375 (Grand St) Bridge Replacement over Smith Branch	S-2375 (Grand St) over Smith Branch Bridge Replacement - Load Restricted - Year 3 - Off-system	Bridge Maintenance	Preliminary Engineering	\$175,000.00	\$140,000.00	STBGP	Off-System	8/7/2019
Richland	P038688	S-2375 (Grand St) Bridge Replacement over Smith Branch	S-2375 (Grand St) over Smith Branch Bridge Replacement - Load Restricted - Year 3 - Off-system	Bridge Maintenance	Preliminary Engineering	\$175,000.00	\$140,000.00	STBGP	Off-System	8/7/2019
Richland	P038689	S-985 (Lake Shore Dr) Bridge Replacement over Unnamed Stream	S-985 (Lake Shore Dr) over Unnamed Stream Bridge Replacement - Load Restricted - Year 3 - Off-system	Bridge Maintenance	Preliminary Engineering	\$212,500.00	\$170,000.00	STBGP	Off-System	8/7/2019
Richland	P038689	S-985 (Lake Shore Dr) Bridge Replacement over Unnamed Stream	S-985 (Lake Shore Dr) over Unnamed Stream Bridge Replacement - Load Restricted - Year 3 - Off-system	Bridge Maintenance	Preliminary Engineering	\$212,500.00	\$170,000.00	STBGP	Off-System	8/7/2019
Total						\$1,375,817.98	\$1,100,654.34			

BRIDGE REPLACEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Engineering and Inspection	\$61.25	\$49.00	BR	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Preliminary Engineering	\$6,456.60	\$5,165.29	BR	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Preliminary Engineering	(\$1,895.57)	(\$1,516.46)	STP	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Preliminary Engineering	(\$4,561.03)	(\$3,648.82)	STP	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Right of Way	(\$8,431.21)	(\$6,744.97)	BR	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Right of Way	(\$14,000.00)	(\$11,200.00)	STP	Off-System	7/2/2019
Richland	0037632RD01	S- 434 BRIDGE OVER EIGHT MILE CREEK	REPLACE EXISTING S-434 (WILLINGHAM DRIVE) BRIDGE OVER EIGHT MILE CREEK IN RICHLAND COUNTY	Bridge Replacement	Road Construction	(\$61.25)	(\$49.00)	BR	Off-System	7/2/2019
Lexington	0039652RD01	US 378 over Horse & Hollow Creek	Replace existing US 378 bridges over Horse & Hollow Creek in Lexington County.	Bridge Replacement	Right of Way	\$283,735.14	\$226,988.11	NHP	Interstate/NHS	6/14/2019
Richland	0040440RD01	US 1 over S.C.L. Railroad	Bridge Replacement over CSX Railroad in Richland County	Bridge Replacement	Preliminary Engineering	\$275,000.00	\$220,000.00	NHP	Interstate/NHS	5/30/2019
Richland	0040440RD01	US 1 over S.C.L. Railroad	Bridge Replacement over CSX Railroad in Richland County	Bridge Replacement	Right of Way	\$303,878.00	\$243,100.80	NHP	Interstate/NHS	5/30/2019
Lexington	0040685RD01	I-26 (near MM 110 to near MM 115) (S-365 Bridge Jacking/Replacement) (EB/WB)	Replace S-365 (Rainbow Road) Bridge over I-26. This bridge is being replaced as part of the I-26 EB/WB Interstate Rehab Projects from MM 110 - 115 (32.038831) but is being let under a separate contract. An approximate 1000' of I-26 EB and WB (500' each side of bridge) will also be rehabilitated as part of this project (mill 2", cross slope correct, 200# asphalt, and OGFC).	Bridge Replacement	Bridge Construction	\$203,881.61	\$183,493.45	NHP	Interstates	3/25/2019
Lexington	0040685RD01	I-26 (near MM 110 to near MM 115) (S-365 Bridge Jacking/Replacement) (EB/WB)	Replace S-365 (Rainbow Road) Bridge over I-26. This bridge is being replaced as part of the I-26 EB/WB Interstate Rehab Projects from MM 110 - 115 (32.038831) but is being let under a separate contract. An approximate 1000' of I-26 EB and WB (500' each side of bridge) will also be rehabilitated as part of this project (mill 2", cross slope correct, 200# asphalt, and OGFC).	Bridge Replacement	Engineering and Inspection	\$107,613.00	\$96,851.70	NHP	Interstates	5/31/2019
Lexington	0040685RD01	I-26 (near MM 110 to near MM 115) (S-365 Bridge Jacking/Replacement) (EB/WB)	Replace S-365 (Rainbow Road) Bridge over I-26. This bridge is being replaced as part of the I-26 EB/WB Interstate Rehab Projects from MM 110 - 115 (32.038831) but is being let under a separate contract. An approximate 1000' of I-26 EB and WB (500' each side of bridge) will also be rehabilitated as part of this project (mill 2", cross slope correct, 200# asphalt, and OGFC).	Bridge Replacement	Road Construction	\$8,984.96	\$8,986.46	NHP	Interstates	3/25/2019
Lexington	0040686RD01	I-26 (near MM 110 to near MM 115) (S-30 Bridge Jacking/Replacement) (EB/WB)	Replace existing S-30 (Leaphart Road) bridge over I-26 as part of the I-26 Rehab (MM 110-115) in Lexington County.	Bridge Replacement	Bridge Construction	\$1,127,165.75	\$1,014,449.18	NHP	Interstates	3/25/2019
Lexington	0040686RD01	I-26 (near MM 110 to near MM 115) (S-30 Bridge Jacking/Replacement) (EB/WB)	Replace existing S-30 (Leaphart Road) bridge over I-26 as part of the I-26 Rehab (MM 110-115) in Lexington County.	Bridge Replacement	Road Construction	\$297,916.61	\$266,124.95	NHP	Interstates	3/25/2019
Kershaw	P029450	I-20 EB & WB over Wateree River	Replace Twin Bridges over Wateree River, Kershaw County. To be combined with P029776 & P029777.	Bridge Replacement	Preliminary Engineering	\$2,671,289.31	\$2,404,160.38	NHP	Interstate/NHS	2/28/2019
Kershaw	P029450	I-20 EB & WB over Wateree River	Replace Twin Bridges over Wateree River, Kershaw County. To be combined with P029776 & P029777.	Bridge Replacement	Preliminary Engineering	\$1,144,838.27	\$1,030,354.44	NHP	Interstate/NHS	2/28/2019
Richland	P030487	SC 277 NB over I-77	SC 277 Northbound Bridge Replacement Over I-77	Bridge Replacement	Bridge Construction	(\$20,337,190.60)	(\$18,303,471.54)	NHP	Interstate/NHS	12/11/2018
Richland	P030487	SC 277 NB over I-77	SC 277 Northbound Bridge Replacement Over I-77	Bridge Replacement	Engineering and Inspection	(\$395,538.34)	(\$355,984.51)	NHP	Interstate/NHS	12/11/2018
Richland	P030487	SC 277 NB over I-77	SC 277 Northbound Bridge Replacement Over I-77	Bridge Replacement	Road Construction	\$8,870,735.14	\$7,983,661.63	NHP	Interstate/NHS	12/11/2018
Richland	P030487	SC 277 NB over I-77	SC 277 Northbound Bridge Replacement Over I-77	Bridge Replacement	Road Construction	\$8,870,735.13	\$7,983,661.62	NHP	Interstate/NHS	12/11/2018
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Bridge Construction	\$4,008,127.28	\$3,607,314.55	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Engineering and Inspection	\$6,753,875.69	\$6,114,488.12	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Other Construction	\$735,000.00	\$661,500.00	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Preliminary Engineering	\$1,213,629.00	\$1,092,266.10	NHP	Interstate/NHS	10/25/2018
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Preliminary Engineering	\$433,100.37	\$389,790.33	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Right of Way	\$10,950,000.00	\$9,855,000.00	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Road Construction	\$39,915,484.02	\$35,923,935.62	NHP	Interstate/NHS	8/28/2019
Lexington	P030711	US 1 over I-20	Design-Build US 1 Bridge Replacement over I-20 in Lexington County.	Bridge Replacement	Utility	\$3,155,479.37	\$2,839,931.43	NHP	Interstate/NHS	8/28/2019
Richland	P038283	Lorick Road S-1436 Bridge over North Branch	Bridge Replacement of Folk Road Bridge S-1436 over North Branch	Bridge Replacement	Preliminary Engineering	\$500,000.00	\$400,000.00	OAF	FA Non-NHS	7/29/2019
Richland	P038283	Lorick Road S-1436 Bridge over North Branch	Bridge Replacement of Folk Road Bridge S-1436 over North Branch	Bridge Replacement	Preliminary Engineering	\$500,000.00	\$400,000.00	OAF	FA Non-NHS	7/29/2019
Total						\$71,616,306.50	\$64,270,657.86			

CORRIDOR IMPROVEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Calhoun, Lexington, Orangeburg	P038676	I-26 Corridor Improvement from Exit 125 Old Sandy Run Rd to Exit 169 I-95	Corridor improvement from Old Sandy Run Road to I-95	Corridor Improvement	Planning	\$700,000.00	\$630,000.00	NHP	Widening/New Construction	4/15/2019
Calhoun, Lexington, Orangeburg	P038676	I-26 Corridor Improvement from Exit 125 Old Sandy Run Rd to Exit 169 I-95	Corridor improvement from Old Sandy Run Road to I-95	Corridor Improvement	Planning	\$300,000.00	\$270,000.00	NHP	Widening/New Construction	4/15/2019
Total						\$1,000,000.00	\$900,000.00			

EMERGENCY REPAIRS /REPLACEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Richland	P029942	SC 48 over Back Swamp - Emergency Bridge Package 6 (DR-4241)	SC 48 Emergency Bridge Replacement over Back Swamp in Richland County. Packaged with SC 48 over Cedar Creek and SC 48 over Dry Branch in Design-Build Emergency Bridge Package 6. (FHWA ER# SC16-1).	Emergency Repair/Replacement	Engineering and Inspection	(\$23,208.71)	(\$18,566.97)	ER	Emergency Relief	10/19/2018
Richland	P029942	SC 48 over Back Swamp - Emergency Bridge Package 6 (DR-4241)	SC 48 Emergency Bridge Replacement over Back Swamp in Richland County. Packaged with SC 48 over Cedar Creek and SC 48 over Dry Branch in Design-Build Emergency Bridge Package 6. (FHWA ER# SC16-1).	Emergency Repair/Replacement	Preliminary Engineering	\$1,904.99	\$1,523.99	ER	Emergency Relief	10/19/2018
Richland	P029943	SC 48 over Cedar Creek - Emergency Bridge Package 6 (DR-4241)	SC 48 Emergency Bridge Replacement over Cedar Creek in Richland County. Packaged with SC 48 over Back Swamp and SC 48 over Dry Branch in Design-Build Emergency Bridge Package 6. (FHWA ER# SC16-1).	Emergency Repair/Replacement	Engineering and Inspection	(\$200,026.11)	(\$160,020.89)	ER	Emergency Relief	10/19/2018
Richland	P029944	SC 48 over Dry Branch - Emergency Bridge Package 6 (DR-4241)	SC 48 Emergency Bridge Replacement over Dry Branch in Richland County. Packaged with SC 48 over Cedar Creek and SC 48 over Back Swamp in Design-Build Emergency Bridge Package 6. (FHWA ER# SC16-1).	Emergency Repair/Replacement	Engineering and Inspection	(\$173,026.02)	(\$138,420.82)	ER	Emergency Relief	10/19/2018
Richland	P030056	S-734 (Old Bluff Road) Emergency Reconstruction (DR-4241)	Reconstruct approximately 7.19 miles of roadway to include 8' cement modified base reclamation, surface type c, rumble strips, pavement markings & permanent grassing. (FHWA ER# SC16-1)	Emergency Repair/Replacement	Engineering and Inspection	\$0.00	(\$0.01)	ER	Emergency Relief	10/16/2018
Richland	P030056	S-734 (Old Bluff Road) Emergency Reconstruction (DR-4241)	Reconstruct approximately 7.19 miles of roadway to include 8' cement modified base reclamation, surface type c, rumble strips, pavement markings & permanent grassing. (FHWA ER# SC16-1)	Emergency Repair/Replacement	Engineering and Inspection	(\$236,721.26)	(\$191,777.02)	STBGP	Emergency Relief	10/16/2018
Lexington	P031792	S-32-365 Wilton Road Pond Dam (DR-4241)	Project currently consists of engineering assessment services on S-32-365 (Wilton Road) around MP 0.96. (DR-4241). Work being performed as an extension to contract 3291462.	Emergency Repair/Replacement	Preliminary Engineering	\$313,422.30	\$250,737.84	ER	Emergency Relief	1/15/2019
Lexington	P031792	S-32-365 Wilton Road Pond Dam (DR-4241)	Project currently consists of engineering assessment services on S-32-365 (Wilton Road) around MP 0.96. (DR-4241). Work being performed as an extension to contract 3291462.	Emergency Repair/Replacement	Preliminary Engineering	(\$35,931.00)	(\$26,744.80)	ER	Emergency Relief	7/29/2019
Lexington	P031792	S-32-365 Wilton Road Pond Dam (DR-4241)	Project currently consists of engineering assessment services on S-32-365 (Wilton Road) around MP 0.96. (DR-4241). Work being performed as an extension to contract 3291462.	Emergency Repair/Replacement	Utility	\$35,931.00	\$26,744.80	ER	Emergency Relief	7/29/2019
Richland	P037047	US 321 over Crane Creek (DR-4241)	US 321 (Fairfield Road) over Crane Creek Emergency Bridge Replacement (FHWA ER# SC16-1)	Emergency Repair/Replacement	Preliminary Engineering	\$862,841.86	\$690,273.49	ER	Emergency Relief	4/16/2019
Richland	P037047	US 321 over Crane Creek (DR-4241)	US 321 (Fairfield Road) over Crane Creek Emergency Bridge Replacement (FHWA ER# SC16-1)	Emergency Repair/Replacement	Preliminary Engineering	\$25,000.00	\$20,000.00	ER	Emergency Relief	7/30/2019
Total						\$587,187.05	\$453,749.61			

ENHANCEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0040442RD01	S- 83 ENHANCE	COLUMBIA AVE. (S-46) CHAPIN RD. (US-76) (LEXINGTON AVE.)	Enhancement	Road Construction	\$5,152.87	\$4,122.30	ENH	MPO	7/29/2019
Lexington, Richland	0040622RD01	S- 78 SIDEWALK IMPROVEMENTS	LAKE MURRAY BLVD (SC 60) BATTERY ROAD (COLLEGE STEASTVIEW DR)	Enhancement	Preliminary Engineering	\$0.00	(\$1.00)	ENH	Project Administration	5/22/2019
Lexington, Richland	0040622RD01	S- 78 SIDEWALK IMPROVEMENTS	LAKE MURRAY BLVD (SC 60) BATTERY ROAD (COLLEGE STEASTVIEW DR)	Enhancement	Right of Way	(\$3,525.00)	(\$2,820.00)	ENH	MPO	5/22/2019
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Engineering and Inspection	\$9,500.66	\$7,600.52	ENH	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Engineering and Inspection	(\$5,447.32)	(\$4,367.88)	ENH	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Preliminary Engineering	(\$6,276.74)	(\$5,021.40)	ENH	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Right of Way	(\$6,610.39)	(\$5,286.32)	STP	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Road Construction	\$21,950.46	\$17,560.37	ENH	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Road Construction	(\$29,052.36)	(\$23,241.88)	ENH	MPO	10/25/2018
Lexington	0042313RD01	SC 2 ENHANCE (STATE ST PH V)	KARLANEY AVE (S-220) JANSEN AVENUE (S-1168) (STATE STREET)	Enhancement	Utility	(\$50,000.00)	(\$40,000.00)	ENH	MPO	10/25/2018
Lexington	P026839	US 1 Sidewalks Lexington	Augusta Highway Sidewalk Enhancement, Town of Lexington From Whispering Winds Drive to Morgan Drive (S-1063)	Enhancement	Engineering and Inspection	\$36,019.97	\$28,815.98	TAP	Areas > 200K	11/16/2018
Lexington	P026839	US 1 Sidewalks Lexington	Augusta Highway Sidewalk Enhancement, Town of Lexington From Whispering Winds Drive to Morgan Drive (S-1063)	Enhancement	Engineering and Inspection	(\$36,019.97)	(\$28,815.98)	TAP	Areas > 200K	11/16/2018
Lexington	P026839	US 1 Sidewalks Lexington	Augusta Highway Sidewalk Enhancement, Town of Lexington From Whispering Winds Drive to Morgan Drive (S-1063)	Enhancement	Road Construction	\$338,179.78	\$270,543.82	TAP	Areas > 200K	11/16/2018
Lexington	P026839	US 1 Sidewalks Lexington	Augusta Highway Sidewalk Enhancement, Town of Lexington From Whispering Winds Drive to Morgan Drive (S-1063)	Enhancement	Road Construction	(\$338,179.78)	(\$270,543.82)	TAP	Areas > 200K	11/16/2018
Lexington	P026848	Julius Felder Street (S-609) Sidewalks	Construction of concrete sidewalks along the western side of Julius Felder St (S-609) from near the intersection of S. Eden Dr. (S-630) to the intersection of Hemlock St. (S-457) for a total of 0.5 miles.	Enhancement	Engineering and Inspection	(\$6,748.86)	(\$5,399.09)	TAP	Areas > 200K	1/8/2019
Lexington	P026848	Julius Felder Street (S-609) Sidewalks	Construction of concrete sidewalks along the western side of Julius Felder St (S-609) from near the intersection of S. Eden Dr. (S-630) to the intersection of Hemlock St. (S-457) for a total of 0.5 miles.	Enhancement	Road Construction	(\$18,601.64)	\$0.00	STF	Areas > 200K	1/8/2019
Lexington	P026848	Julius Felder Street (S-609) Sidewalks	Construction of concrete sidewalks along the western side of Julius Felder St (S-609) from near the intersection of S. Eden Dr. (S-630) to the intersection of Hemlock St. (S-457) for a total of 0.5 miles.	Enhancement	Road Construction	(\$52,911.63)	(\$42,329.30)	TAP	Areas > 200K	1/8/2019
Lexington	P026849	Riverland Drive (S-1431) Sidewalks	Construction of concrete sidewalks along the eastern side of Riverland Drive (S-1431) (near Brookcliff Dr), curves into New State Road and then turns onto Old State Road (S-66). The sidewalk extends from the existing Three Rivers Greenway to the Cayce Rd	Enhancement	Engineering and Inspection	\$12,097.95	\$9,678.36	TAP	Areas > 200K	5/1/2019
Lexington	P026849	Riverland Drive (S-1431) Sidewalks	Construction of concrete sidewalks along the eastern side of Riverland Drive (S-1431) (near Brookcliff Dr), curves into New State Road and then turns onto Old State Road (S-66). The sidewalk extends from the existing Three Rivers Greenway to the Cayce Rd	Enhancement	Road Construction	(\$10,484.70)	\$0.00	STF	Areas > 200K	5/1/2019
Richland	P027054	Richland Co. School Sidewalks	Sidewalk Installation near Columbia High and Sandel Elementary	Enhancement	Engineering and Inspection	\$864.30	\$0.00	STF	LPA Administration	8/14/2019
Richland	P027054	Richland Co. School Sidewalks	Sidewalk Installation near Columbia High and Sandel Elementary	Enhancement	Engineering and Inspection	(\$20,257.76)	\$0.00	STF	LPA Administration	8/14/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Engineering and Inspection	\$34,988.20	\$27,990.56	STBGP	Areas > 200K	3/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Engineering and Inspection	(\$34,988.20)	(\$27,990.56)	STBGP	Areas > 200K	8/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Engineering and Inspection	\$37,715.94	\$30,172.75	TAP	Areas > 200K	8/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Preliminary Engineering	(\$15,021.43)	(\$12,017.14)	TAP	Areas > 200K	1/23/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Preliminary Engineering	(\$64,913.29)	(\$51,930.65)	TAP	Areas <5K	1/23/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Right of Way	\$20,021.43	\$16,017.14	TAP	Areas > 200K	1/23/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Right of Way	(\$7,903.94)	(\$6,323.14)	TAP	Areas <5K	1/23/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Road Construction	\$295,550.89	\$236,440.71	STBGP	COATS	3/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Road Construction	\$64,827.50	\$51,862.00	TAP	Areas > 200K	3/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Road Construction	\$22,142.75	\$17,714.20	TAP	Areas > 200K	8/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Road Construction	\$5,953.58	\$4,762.86	TAP	Areas > 200K	8/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Road Construction	(\$0.50)	\$0.00	TAP	Areas > 200K	8/29/2019
Lexington	P028205	Kitty Hawk Drive Sidewalk	Place Sidewalks on Kitty Hawk Drive in the Town of Springdale	Enhancement	Utility	\$15,205.00	\$12,164.00	TAP	Areas > 200K	1/23/2019

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	P028710	Buck Corley Road Sidewalk Project	Placement of sidewalk along the south side of Buck Corley Road (local) from South Lake Drive (SC-6) to Nazareth Road (S-32-243)	Enhancement	Engineering and Inspection	\$10,000.00	\$8,000.00	TAP	Areas > 200K	4/15/2019
Lexington	P028710	Buck Corley Road Sidewalk Project	Placement of sidewalk along the south side of Buck Corley Road (local) from South Lake Drive (SC-6) to Nazareth Road (S-32-243)	Enhancement	Preliminary Engineering	\$2,000.00	\$1,600.00	TAP	Areas > 200K	10/31/2018
Lexington	P028710	Buck Corley Road Sidewalk Project	Placement of sidewalk along the south side of Buck Corley Road (local) from South Lake Drive (SC-6) to Nazareth Road (S-32-243)	Enhancement	Road Construction	\$262,630.16	\$0.00	LOC	Local	4/15/2019
Lexington	P028710	Buck Corley Road Sidewalk Project	Placement of sidewalk along the south side of Buck Corley Road (local) from South Lake Drive (SC-6) to Nazareth Road (S-32-243)	Enhancement	Road Construction	\$161,250.00	\$129,000.00	TAP	Areas > 200K	4/15/2019
Richland	P029494	East Broad River Neighborhood Improvements	Streetscaping along Gibson Street (S-329), McRae Street (S-329), and River Drive (US 176); sidewalks for Brewer Street (S-909), Cement Road (S-126), Hart St (S-862), Pearl St. (S-863) and Wellesley St (S-1086), and improvements to the Riverwalk.	Enhancement	Road Construction	(\$305,543.89)	\$0.00	STF	Richland Sales Tax	3/7/2019
Richland	P029511	City of Columbia Sidewalks- Earlewood	Various locations/Marcy St., Sulton St., Mildred Ave.	Enhancement	Engineering and Inspection	\$1,000.00	\$800.00	TAP	Areas > 200K	9/19/2019
Richland	P029511	City of Columbia Sidewalks- Earlewood	Various locations/Marcy St., Sulton St., Mildred Ave.	Enhancement	Preliminary Engineering	(\$1,000.00)	(\$800.00)	TAP	Areas > 200K	9/19/2019
Richland	P029511	City of Columbia Sidewalks- Earlewood	Various locations/Marcy St., Sulton St., Mildred Ave.	Enhancement	Road Construction	\$17,011.04	\$0.00	LOC	Areas > 200K	9/19/2019
Lexington, Richland	P029535	City of Cayce- Lights on Blossom Street Bridge	Retrofit future on the Blossom Street Bridge	Enhancement	Engineering and Inspection	(\$4,229.06)	(\$3,383.24)	TAP	Areas > 200K	5/1/2019
Lexington, Richland	P029535	City of Cayce- Lights on Blossom Street Bridge	Retrofit future on the Blossom Street Bridge	Enhancement	Road Construction	\$5,275.42	\$4,220.33	TAP	Areas > 200K	12/4/2018
Lexington, Richland	P029535	City of Cayce- Lights on Blossom Street Bridge	Retrofit future on the Blossom Street Bridge	Enhancement	Road Construction	\$3,250.12	\$2,600.10	TAP	Areas > 200K	5/1/2019
Richland	P029673	South Main Street Streetscaping Improvements	Streetscape improvements to South Main Street between Blossom and Pendleton.	Enhancement	Preliminary Engineering	\$520,000.00	\$416,000.00	ENH	MPO	10/9/2018
Lexington	P032166	B Ave Bike Lanes	The project will provide a bike lane, located along both sides of B Ave from State Street to 12th Street. By keeping the project within the existing pavement width, most of the project involves just re-striping the corridor and painting bike lane symbols.	Enhancement	Engineering and Inspection	\$287.13	\$229.70	TAP	Areas > 200K	12/19/2018
Lexington	P032166	B Ave Bike Lanes	The project will provide a bike lane, located along both sides of B Ave from State Street to 12th Street. By keeping the project within the existing pavement width, most of the project involves just re-striping the corridor and painting bike lane symbols.	Enhancement	Preliminary Engineering	(\$24,821.63)	(\$19,657.30)	TAP	Areas > 200K	12/19/2018
Lexington	P032166	B Ave Bike Lanes	The project will provide a bike lane, located along both sides of B Ave from State Street to 12th Street. By keeping the project within the existing pavement width, most of the project involves just re-striping the corridor and painting bike lane symbols.	Enhancement	Road Construction	\$2,957.38	\$2,365.90	TAP	Areas > 200K	12/19/2018
Lexington	P037088	Frink Street (SC-2) Sidewalk Improvement	Installation of ADA compliant sidewalk and curb and gutter, beginning at 12th Street (SC-35) and ending at State Street (SC-2) (FPA-01-19)	Enhancement	Preliminary Engineering	\$105,894.00	\$84,715.20	TAP	Areas > 5K & < 200K	9/23/2019
Kershaw	P038198	Wildwood Lane Sidewalk Improvements (2017 TAP)	Design and construction of sidewalk along Wildwood Lane (S-28-349) from Sandwood Dr (S-28-1044) to Oakview Drive (local) (FPA-19-18)	Enhancement	Preliminary Engineering	\$30,000.00	\$24,000.00	TAP	Areas > 200K	2/28/2019
Kershaw	P038462	Wildwood Lane Sidewalk Improvements (2018 TAP)	Design and construction of sidewalk along Wildwood Lane (S-28-349) from Oakwood Drive (local) to Whitehead Road (local) (FPA-19-19)	Enhancement	Preliminary Engineering	\$26,250.00	\$21,000.00	TAP	Areas > 200K	9/18/2019
Lexington	P038648	Meeting St. (US-1) and State St. (SC-2) Pedestrian Improvements (2018 TAP)	Create high visibility crosswalks, curb ramps, and other ADA improvements at the intersections of Meeting St./State St., Meeting St./Sunset Blvd., and State St./Sunset Blvd.	Enhancement	Preliminary Engineering	\$70,417.50	\$56,334.00	TAP	Areas > 200K	8/7/2019
Total						\$1,097,856.24	\$936,190.12			

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INTERCHANGE IMPROVEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0012506X	I-26 over SC 302	I-26 over SC 302 Bridge Replacement and Interchange Upgrade	Interchange Improvement	Preliminary Engineering	\$249,768.01	\$224,791.21	MA	Interstate/NHS	1/2/2019
Lexington	0012506X	I-26 over SC 302	I-26 over SC 302 Bridge Replacement and Interchange Upgrade	Interchange Improvement	Preliminary Engineering	\$1,886,207.10	\$1,897,586.39	NHS	Interstate/NHS	1/2/2019
Lexington	0012506X	I-26 over SC 302	I-26 over SC 302 Bridge Replacement and Interchange Upgrade	Interchange Improvement	Preliminary Engineering	\$188,888.89	\$170,000.00	NHS	Interstate/NHS	1/2/2019
Lexington	0022408X	I-26 @ US 1 (Augusta Rd)	Interchange Improvement at Exit 111	Interchange Improvement	Preliminary Engineering	\$0.00	(\$335,320.13)	IM	Widening/New Construction	12/27/2018
Lexington	0022408X	I-26 @ US 1 (Augusta Rd)	Interchange Improvement at Exit 111	Interchange Improvement	Right of Way	\$0.00	(\$543,400.23)	IM	Widening/New Construction	12/27/2018
Lexington, Richland	P027662	I-20/I-26/I-126 - Corridor Improvements	Development of Environmental Impact Statement (EIS) for the I-20/I-26 Interchange and the corridor along I-26 from US 378 to US 176 and I-20 from Saluda River to Broad River.	Interchange Improvement	Other Construction	\$30,560.00	\$45,504.00	NHP	Widening/New Construction	8/20/2019
Lexington, Richland	P027662	I-20/I-26/I-126 - Corridor Improvements	Development of Environmental Impact Statement (EIS) for the I-20/I-26 Interchange and the corridor along I-26 from US 378 to US 176 and I-20 from Saluda River to Broad River.	Interchange Improvement	Right of Way	\$155,500.00	\$139,950.00	NHP	Widening/New Construction	1/2/2019
Lexington, Richland	P027662	I-20/I-26/I-126 - Corridor Improvements	Development of Environmental Impact Statement (EIS) for the I-20/I-26 Interchange and the corridor along I-26 from US 378 to US 176 and I-20 from Saluda River to Broad River.	Interchange Improvement	Right of Way	\$221,000,800.00	\$198,900,720.00	NHP	Widening/New Construction	6/24/2019
Lexington, Richland	P027662	I-20/I-26/I-126 - Corridor Improvements	Development of Environmental Impact Statement (EIS) for the I-20/I-26 Interchange and the corridor along I-26 from US 378 to US 176 and I-20 from Saluda River to Broad River.	Interchange Improvement	Right of Way	\$5,000,000.00	\$4,500,000.00	NHP	Widening/New Construction	6/24/2019
Total						\$228,531,724.00	\$204,799,531.24			

INTERSECTION IMPROVEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0039605RD01	S- 244 INTERSEC. IMPROVEMENTS	INTERSECTION W/RD S-311 (OLD ORANGEBURG RD)	Intersection Improvement	Engineering and Inspection	\$2,251.89	\$1,801.51	STP	COATS	5/22/2019
Lexington	0039605RD01	S- 244 INTERSEC. IMPROVEMENTS	INTERSECTION W/RD S-311 (OLD ORANGEBURG RD)	Intersection Improvement	Right of Way	(\$6,375.00)	(\$5,099.98)	STP	COATS	5/22/2019
Lexington	0039605RD01	S- 244 INTERSEC. IMPROVEMENTS	INTERSECTION W/RD S-311 (OLD ORANGEBURG RD)	Intersection Improvement	Road Construction	(\$2,251.89)	(\$1,801.51)	STP	COATS	5/22/2019
Lexington	0039605RD01	S- 244 INTERSEC. IMPROVEMENTS	INTERSECTION W/RD S-311 (OLD ORANGEBURG RD)	Intersection Improvement	Utility	\$0.00	(\$0.00)	STP	COATS	5/22/2019
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Engineering and Inspection	\$47,606.95	\$42,846.30	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Engineering and Inspection	(\$21,636.99)	(\$19,473.26)	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Preliminary Engineering	(\$29,638.42)	(\$26,674.54)	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Right of Way	\$1,981.89	\$1,783.71	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Road Construction	(\$76,389.65)	(\$68,750.69)	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Utility	(\$6,881.11)	(\$6,192.99)	HSP	Safety Improvements	10/16/2018
Lexington	0039800RD01	S- 30 INTERSEC. IMPROVEMENT	INTERSECTION S-30 W/ S-106 (MINERAL SPRINGS ROAD)	Intersection Improvement	Utility	(\$22,416.25)	(\$20,174.62)	HSP	Safety Improvements	10/16/2018
Lexington	0041172RD01	Intersection Improvement - S-65 WITH S-663/ S-1471 (ROUND TREE DR/MEADOWFIELD)		Intersection Improvement	Right of Way	\$150,000.00	\$150,000.00	HSP	Safety Improvements	2/26/2019
Lexington	0041172RD01	Intersection Improvement - S-65 WITH S-663/ S-1471 (ROUND TREE DR/MEADOWFIELD)		Intersection Improvement	Right of Way	\$42,424.89	\$42,424.89	HSP	Safety Improvements	2/26/2019
Lexington	0041172RD01	Intersection Improvement - S-65 WITH S-663/ S-1471 (ROUND TREE DR/MEADOWFIELD)		Intersection Improvement	Road Construction	(\$42,424.89)	(\$42,424.89)	HSP	Safety Improvements	2/26/2019
Lexington	0041494RD01	Intersection Improvements - US 1 at Oak Drive/St. David Church Road	Extend turn lanes on approaches of Oak Drive and St. David Church Road to US 1.	Intersection Improvement	Engineering and Inspection	(\$53,149.46)	(\$42,519.57)	STP	COATS	9/23/2019
Lexington	0041494RD01	Intersection Improvements - US 1 at Oak Drive/St. David Church Road	Extend turn lanes on approaches of Oak Drive and St. David Church Road to US 1.	Intersection Improvement	Preliminary Engineering	(\$18,545.69)	(\$14,839.73)	STP	COATS	9/23/2019
Lexington	0041494RD01	Intersection Improvements - US 1 at Oak Drive/St. David Church Road	Extend turn lanes on approaches of Oak Drive and St. David Church Road to US 1.	Intersection Improvement	Right of Way	(\$26,653.72)	(\$21,322.99)	STP	COATS	9/23/2019
Lexington	0041494RD01	Intersection Improvements - US 1 at Oak Drive/St. David Church Road	Extend turn lanes on approaches of Oak Drive and St. David Church Road to US 1.	Intersection Improvement	Road Construction	(\$43,963.22)	(\$35,170.57)	STP	COATS	9/23/2019
Lexington	0041494RD01	Intersection Improvements - US 1 at Oak Drive/St. David Church Road	Extend turn lanes on approaches of Oak Drive and St. David Church Road to US 1.	Intersection Improvement	Utility	(\$1,514.48)	(\$811.58)	STP	COATS	9/23/2019
Richland	0041502RD01	Intersection Improvements - SC 262 (Leesburg Road) at Patricia Drive	Install turn lanes on Leesburg Road at Patricia Drive and make improvements to Patricia Drive on approach to Leesburg. Project to be let with Leesburg Road Widening project.	Intersection Improvement	Right of Way	\$66,000.00	\$52,800.00	STBGP	COATS	4/22/2019
Richland	0041502RD01	Intersection Improvements - SC 262 (Leesburg Road) at Patricia Drive	Install turn lanes on Leesburg Road at Patricia Drive and make improvements to Patricia Drive on approach to Leesburg. Project to be let with Leesburg Road Widening project.	Intersection Improvement	Right of Way	\$25,000.00	\$20,000.00	STBGP	COATS	8/26/2019
Lexington	0041504RD01	Intersection Improvements - Harbison Blvd at Park Terrace/Columbiana Entrance	Install dedicated right turn lane from Park Terrace to Harbison Blvd (S-757), install raised concrete medians along Harbison near Park Terrace, and install delineators for free flow right turn from Harbison to mall entrance.	Intersection Improvement	Engineering and Inspection	(\$5,000.00)	(\$4,000.00)	STP	COATS	4/17/2019
Lexington	0041507RD01	Intersection Improvements - Old Orangeburg at Bill Williamson Court	Provide left turn lanes on all approaches and a two way left turn lane on Old Orangeburg between Southwood Drive and the bus access drive. Also includes a dedicated right turn lane from Old Orangeburg to Southwood Drive.	Intersection Improvement	Right of Way	(\$20,000.00)	(\$16,000.00)	STP	COATS	1/29/2019
Lexington	0041507RD01	Intersection Improvements - Old Orangeburg at Bill Williamson Court	Provide left turn lanes on all approaches and a two way left turn lane on Old Orangeburg between Southwood Drive and the bus access drive. Also includes a dedicated right turn lane from Old Orangeburg to Southwood Drive.	Intersection Improvement	Road Construction	\$20,000.00	\$16,000.00	STP	COATS	1/29/2019
Lexington	P027593	Intersection Improvement - SC 6 (S. Lake Dr) and S-627 (Bethany Church Road/Pleasant View Drive)	SC 6 (S. Lake Dr) and S-627 (Bethany Church Road/Pleasant View Drive) northwest of the Edmond in Lexington County	Intersection Improvement	Engineering and Inspection	\$45,000.00	\$40,500.00	HSP	Safety Improvements	3/12/2019
Richland	P027608	US 76 @ S-618	Intersection Improvement at US 76 (Dutch Fork Rd) and S-618 (Johnson Marina Rd)	Intersection Improvement	Right of Way	\$5,000.00	\$4,500.00	HSP	Safety Improvements	2/19/2019
Richland	P027608	US 76 @ S-618	Intersection Improvement at US 76 (Dutch Fork Rd) and S-618 (Johnson Marina Rd)	Intersection Improvement	Road Construction	\$65,000.00	\$58,500.00	HSP	Safety Improvements	4/25/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Engineering and Inspection	\$150,779.90	\$150,779.90	HSP	Safety Improvements	7/29/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Preliminary Engineering	\$35,000.00	\$31,500.00	HSP	Safety Improvements	2/26/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Preliminary Engineering	\$159,900.00	\$143,910.00	HSP	Safety Improvements	8/26/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Right of Way	\$16,205.27	\$14,584.72	HSP	Safety Improvements	7/29/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Right of Way	(\$16,205.27)	(\$14,584.72)	HSP	Safety Improvements	7/29/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Right of Way	\$120,294.73	\$108,265.28	HSP	Safety Improvements	8/26/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Right of Way	(\$120,294.73)	(\$108,265.28)	HSP	Safety Improvements	8/26/2019
Richland	P027626	Intersection Improvements - S-63 (Alpine Rd) & S-1026 (Old Percival Rd)	Intersection improvement at S-63 (Alpine Rd) & S-1026 (Old Percival Rd)/Roundabout	Intersection Improvement	Road Construction	\$1,553,032.96	\$1,553,032.96	HSP	Safety Improvements	7/29/2019

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	P028835	Signalize and construct left turn lanes on S-204 (Pisgah Church/Long Pond) and S-77 (Barr Road)	Intersection improvement of S-204 (Pisgah Church/Longs Pond Rd.) and S-77 (Barr Rd.)	Intersection Improvement	Utility	\$1,942.38	\$1,748.14	HSP	Safety Improvements	3/12/2019
Lexington	P030242	Intersection Improvements - S-73 (Fish Hatchery Rd) and S-719 (Busbee Rd)	Safety improvements at the intersection of S-73 (Fish Hatchery Road) and S-719 (Busbee Road) in Lexington County *Roundabout	Intersection Improvement	Right of Way	\$39,400.00	\$35,460.00	HSP	Safety Improvements	2/14/2019
Richland	P030243	Intersection Improvements - SC 12 (Percival Rd) and S-1106 (E Boundary Rd)	Safety improvements at the intersection of SC 12 (Percival Road) and S-1106 (E Boundary Road) in Richland County.	Intersection Improvement	Preliminary Engineering	\$185,000.00	\$166,500.00	HSP	Safety Improvements	10/30/2018
Richland	P030244	Intersection Improvements - SC 555 (Farrow Rd) and S-1274 (N Brickyard Rd)	Safety improvements at the intersection of SC 555 (Farrow Road) and S-1274 (N Brickyard Road) in Richland County.	Intersection Improvement	Right of Way	\$62,800.00	\$56,520.00	HSP	Safety Improvements	4/30/2019
Total						\$2,281,776.09	\$2,245,350.47			

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ITS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Calhoun, Lexington	0038170OT02	ITS Work associated with I-26 Widening	MM 115 MM 136 (I-26)	ITS	Engineering and Inspection	(\$44,336.42)	(\$39,902.68)	IM	Interstates	2/19/2019
Calhoun, Lexington	0038170OT02	ITS Work associated with I-26 Widening	MM 115 MM 136 (I-26)	ITS	Engineering and Inspection	\$74,686.84	\$0.00	STF	Corridor of the Future	2/19/2019
Calhoun, Lexington	0038170OT02	ITS Work associated with I-26 Widening	MM 115 MM 136 (I-26)	ITS	Preliminary Engineering	\$915.11	\$823.60	IM	Previous Programs	2/19/2019
Calhoun, Lexington	0038170OT02	ITS Work associated with I-26 Widening	MM 115 MM 136 (I-26)	ITS	Road Construction	\$42,887.00	\$38,598.30	IM	Previous Programs	2/19/2019
Richland	P028452	I-20 Widening - ITS Reinstallation	Re-install ITS cameras and overhead message sign that were in conflict with the I-20 widening (0035391) and removed under 035391A. Also includes installing new cameras due to placement of sound walls and a new overhead sign near MM 83.	ITS	Engineering and Inspection	\$1,400.00	\$1,400.00	NHP	Widening/New Construction	11/21/2018
Richland	P028452	I-20 Widening - ITS Reinstallation	Re-install ITS cameras and overhead message sign that were in conflict with the I-20 widening (0035391) and removed under 035391A. Also includes installing new cameras due to placement of sound walls and a new overhead sign near MM 83.	ITS	Engineering and Inspection	\$140.00	\$140.00	NHP	Widening/New Construction	11/21/2018
Richland	P028452	I-20 Widening - ITS Reinstallation	Re-install ITS cameras and overhead message sign that were in conflict with the I-20 widening (0035391) and removed under 035391A. Also includes installing new cameras due to placement of sound walls and a new overhead sign near MM 83.	ITS	Road Construction	(\$140.00)	(\$140.00)	NHP	Widening/New Construction	11/21/2018
Richland	P028452	I-20 Widening - ITS Reinstallation	Re-install ITS cameras and overhead message sign that were in conflict with the I-20 widening (0035391) and removed under 035391A. Also includes installing new cameras due to placement of sound walls and a new overhead sign near MM 83.	ITS	Road Construction	(\$3,451.78)	(\$3,451.78)	NHP	Widening/New Construction	11/21/2018
Total						\$72,100.75	(\$2,532.66)			

NEW LOCATIONS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$80,501.30)	EBS	Previous Programs	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$7,419.51)	HPP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$93,669.12)	HPP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$204,300.00)	MA	Previous Programs	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$2,691,434.00)	MA	Previous Programs	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Preliminary Engineering	\$0.00	(\$170,000.00)	NHS	Previous Programs	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$11,498.70)	EBS	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$10,850.89)	HPP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$596,252.60)	HPP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$20,491.21)	MA	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$5,116,270.13)	NHS	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Right of Way	\$0.00	(\$331,972.16)	STP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Utility	\$0.00	(\$430,879.55)	HPP	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Utility	\$0.00	(\$620,685.46)	MA	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Utility	\$0.00	(\$164,260.50)	NHS	Earmark	11/27/2018
Lexington	0024110X	Airport Connector	New Location Roadway connecting I-26 and SC 302 (John Hardee Expressway Phase II). Project includes new interchange at I-26 and additional lanes to accommodate interchange.	New Location	Utility	\$0.00	(\$335,673.17)	STP	Earmark	11/27/2018
Total						\$0.00	(\$41,086,358.29)			

NEW OVERPASS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	\$640,042.62	\$640,042.62	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	\$206,464.66	\$165,171.73	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	\$36,803.58	\$36,803.58	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	\$69.02	\$69.02	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	(\$69.02)	(\$69.02)	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	(\$36,803.58)	(\$36,803.58)	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	(\$206,464.66)	(\$165,171.73)	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	(\$640,042.62)	(\$640,042.62)	HPP	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	\$1,210,205.25	\$0.00	LOC	Earmark	2/4/2019
Richland	0030434X	ASSEMBLY STREET RAILROAD RELOCATION	RR RELOCATION, CONSOLIDATION, & GRADE CROSSING ELIMINATION PROJECT (RAIL CORRIDOR REVITALIZATION). FUNDING IS FROM A 2003 APPROPRIATION AND 2004 HIGH SPEED RAIL EARMARK.	New Overpass	Preliminary Engineering	(\$69.02)	(\$69.02)	STP	Earmark	2/4/2019
Total						\$1,210,136.23	(\$69.02)			

PAVEMENT MARKINGS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lee, Lexington, Richland	P027382	2015 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Engineering and Inspection	(\$5,000.00)	(\$5,000.00)	HSP	Safety Improvements	3/12/2019
Lee, Lexington, Richland	P027987	2016 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Engineering and Inspection	(\$86,889.66)	(\$86,889.66)	HSP	Safety Improvements	8/5/2019
Lee, Lexington, Richland	P027987	2016 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Road Construction	(\$440,211.26)	(\$440,211.26)	HSP	Safety Improvements	8/5/2019
Lee, Lexington, Richland	P036758	2018 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Engineering and Inspection	(\$26,923.50)	(\$26,923.50)	HSP	Safety Improvements	12/10/2018
Lee, Lexington, Richland	P036758	2018 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Road Construction	(\$277,312.12)	(\$277,312.12)	HSP	Safety Improvements	12/10/2018
Lee, Lexington, Richland	P038046	2019 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Engineering and Inspection	\$147,634.15	\$147,634.15	HSP	Safety Improvements	9/20/2019
Lee, Lexington, Richland	P038046	2019 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Road Construction	\$1,250,258.10	\$1,250,258.10	HSP	Safety Improvements	9/20/2019
Lee, Lexington, Richland	P038046	2019 Rumble Stripes District 1	Install rumble stripes and/or profile thermo to various roads in District 1	Pavement Markings	Road Construction	\$270,373.67	\$270,373.67	HSP	Safety Improvements	9/20/2019
Total						\$831,929.38	\$831,929.38			

PLANNING & RESEARCH

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Fairfield, Kershaw, Lexington	P033609	FY18 Metro PL - COATS	Metropolitan Planning Funds budgeted from FY18 UPWP	Planning & Research	Planning	(\$492,390.55)	(\$393,912.44)	OAF	Metro PL	1/28/2019
Fairfield, Kershaw, Lexington	P038994	FY20 Metro PL - COATS	Metropolitan Planning funds budgeted in FY20 UPWP	Planning & Research	Planning	\$221,491.38	\$177,193.11	OAF	Metro PL	7/9/2019
Fairfield, Kershaw, Lexington	P038994	FY20 Metro PL - COATS	Metropolitan Planning funds budgeted in FY20 UPWP	Planning & Research	Planning	\$800,897.62	\$640,718.10	PL	Metro PL	7/9/2019
Total						\$529,998.45	\$423,998.77			

PRESERVATION

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	P029125	2016 Federal Aid Program	Federal Aid Preservation in Lexington County (NHS Routes)	Preservation	Engineering and Inspection	\$0.00	(\$0.01)	NHP	Non-Interstate NHS	4/15/2019
Lexington	P029125	2016 Federal Aid Program	Federal Aid Preservation in Lexington County (NHS Routes)	Preservation	Engineering and Inspection	\$0.00	(\$0.01)	STP	Non-Interstate NHS	4/15/2019
Lexington	P029125	2016 Federal Aid Program	Federal Aid Preservation in Lexington County (NHS Routes)	Preservation	Road Construction	(\$87.41)	(\$69.02)	NHP	Non-Interstate NHS	4/15/2019
Lexington	P029150	2016 Federal Aid Program	Federal Aid Preservation in Lexington County (CR S)	Preservation	Road Construction	(\$167.35)	(\$133.88)	STP	FA Secondaries	4/15/2019
Lexington	P039098	Emergency Repair - I-20 @ US 378	Emergency asphalt repairs because of damage that occurred due to vehicle accident.	Preservation	Road Construction	\$32,395.89	\$29,156.30	NHP	Interstates	8/12/2019
Richland	P039099	Emergency Repair - I-20 @ SC 277	Emergency Repair I-20 @ SC 277 - safety concerns with severity of damage to existing pavement due to vehicle accident.	Preservation	Road Construction	\$34,765.47	\$31,288.92	NHP	Interstates	8/12/2019
Total						\$66,906.60	\$60,241.40			

REHABILITATION

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington, Richland	0040479RD01	I-26 from near MM 85 to near MM 97 & I-26 from near MM 89 to near MM 101	(Near MM 89 to near MM 101 - Eastbound) (Design Build) (S-32-49 (Peak St.) - Bridge Jacking/Replacement)	Rehabilitation	Preliminary Engineering	(\$5.75)	(\$8.81)	IM	Interstates	6/5/2019
Richland	P027410	\$37M Additional Monies Program	FA Bridge Deck Repair in Richland County	Rehabilitation	Bridge Construction	\$67,521.83	\$54,017.47	STP	FA Secondaries	1/14/2019
Richland	P027410	\$37M Additional Monies Program	FA Bridge Deck Repair in Richland County	Rehabilitation	Engineering and Inspection	\$53,108.29	\$42,486.63	STP	Previous Programs	1/14/2019
Lexington	P027437	\$37M Additional Monies Program	Bridge deck repairs in Lexington County	Rehabilitation	Bridge Construction	(\$107,811.31)	(\$86,249.09)	STP	FA Secondaries	1/14/2019
Lexington	P027437	\$37M Additional Monies Program	Bridge deck repairs in Lexington County	Rehabilitation	Engineering and Inspection	(\$15,446.45)	(\$12,357.17)	STP	FA Secondaries	1/14/2019
Total						(\$2,637.43)	(\$2,110.83)			

RESURFACING

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0042587MT01	2014 FA RESURFACING - LEXINGTON CTY	2014 NHS FED AID RESURF THROUGHOUT LEXINGTON CTY	Resurfacing	Engineering and Inspection	(\$14,778.74)	(\$14,778.74)	NHP	Previous Programs	2/4/2019
Lexington	0042587MT01	2014 FA RESURFACING - LEXINGTON CTY	2014 NHS FED AID RESURF THROUGHOUT LEXINGTON CTY	Resurfacing	Road Construction	\$14,778.74	\$14,778.74	NHP	Previous Programs	2/4/2019
Lexington	0042587MT01	2014 FA RESURFACING - LEXINGTON CTY	2014 NHS FED AID RESURF THROUGHOUT LEXINGTON CTY	Resurfacing	Road Construction	\$82.46	\$82.46	NHP	Previous Programs	2/4/2019
Lexington	0042663MT01	2014 FA RESURFACING - LEXINGTON CTY	2014 STP FED AID RESURF THROUGHOUT LEXINGTON CTY	Resurfacing	Engineering and Inspection	(\$587,944.95)	(\$587,944.95)	STP	Previous Programs	2/4/2019
Lexington	0042663MT01	2014 FA RESURFACING - LEXINGTON CTY	2014 STP FED AID RESURF THROUGHOUT LEXINGTON CTY	Resurfacing	Road Construction	\$224,154.20	\$224,154.20	STP	Previous Programs	2/4/2019
Kershaw	P028932	2016 Federal Aid Program	Federal Aid Resurfacing in Kershaw County	Resurfacing	Engineering and Inspection	\$165,783.90	\$132,627.07	STP	FA Secondaries	1/28/2019
Kershaw	P028932	2016 Federal Aid Program	Federal Aid Resurfacing in Kershaw County	Resurfacing	Engineering and Inspection	(\$24,152.55)	(\$19,322.04)	STP	FA Secondaries	1/28/2019
Kershaw	P028932	2016 Federal Aid Program	Federal Aid Resurfacing in Kershaw County	Resurfacing	Road Construction	(\$82,203.83)	(\$65,763.07)	STP	FA Secondaries	1/28/2019
Kershaw	P028932	2016 Federal Aid Program	Federal Aid Resurfacing in Kershaw County	Resurfacing	Road Construction	(\$266,648.99)	(\$213,317.57)	STP	FA Secondaries	1/28/2019
Richland	P029077	2016 Federal Aid Program	Federal Aid Resurfacing in Richland County	Resurfacing	Railroad	\$4,000.00	\$3,200.00	STP	FA Secondaries	1/22/2019
Kershaw	P030254	2017 Federal Aid Primary Program	FA Rehab in Kershaw County	Resurfacing	Engineering and Inspection	\$7,969.75	\$6,375.80	NHP	Non-Interstate NHS	5/29/2019
Total						(\$588,958.01)	(\$519,908.10)			

SAFETY IMPROVEMENTS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Engineering and Inspection	\$30,310.33	\$27,279.30	HSP	Safety Improvements	4/26/2019
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Preliminary Engineering	\$0.72	\$0.70	HSP	Safety Improvements	4/26/2019
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Preliminary Engineering	(\$0.03)	\$0.00	HSP	Safety Improvements	4/26/2019
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Preliminary Engineering	(\$7,407.37)	(\$6,666.65)	HSP	Safety Improvements	4/26/2019
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Road Construction	(\$20,000.00)	(\$18,000.00)	HSP	Safety Improvements	4/26/2019
Richland	0037679RD01	I-20 @ SC 215 RAMP EXTENSIONS	EXTENDING EXISTING EB AND WB OFF RAMP FROM I-20 TO SC 215 IN RICHLAND COUNTY	Safety Improvement	Road Construction	(\$38,487.46)	(\$34,638.68)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Engineering and Inspection	\$14,584.08	\$13,125.67	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Engineering and Inspection	(\$3,327.87)	(\$2,995.01)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Preliminary Engineering	(\$25,566.32)	(\$23,009.70)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Right of Way	(\$958.78)	(\$962.86)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Road Construction	(\$2,436.72)	(\$2,193.05)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Road Construction	(\$14,584.08)	(\$13,125.67)	HSP	Safety Improvements	4/26/2019
Kershaw, Richland	0040613RD01	S-955 INTERSEC. IMPROVEMENT	S-955 W/S-1041 (MAGIC LANE)	Safety Improvement	Road Construction	(\$44,444.44)	(\$40,000.00)	HSP	Safety Improvements	4/26/2019
Richland	P027527	S-222 Safety Section Project	S-222 (Old Hopkins Road) MP 3.43 to MP 6.68	Safety Improvement	Engineering and Inspection	(\$36,637.40)	(\$32,973.59)	HSP	Safety Improvements	10/29/2018
Richland	P027527	S-222 Safety Section Project	S-222 (Old Hopkins Road) MP 3.43 to MP 6.68	Safety Improvement	Road Construction	(\$153,501.91)	(\$138,151.72)	HSP	Safety Improvements	10/29/2018
Richland	P027528	S-223 Safety Section Project	S-223 (Air Base Road) MP 0.00 to MP 4.77	Safety Improvement	Road Construction	(\$66,783.12)	(\$60,104.78)	HSP	Safety Improvements	10/29/2018
Richland	P027529	S-37 Safety Section Project	S-37 (Lower Richland Blvd.) MP 0.00 to MP 5.83	Safety Improvement	Road Construction	(\$81,833.61)	(\$73,650.25)	HSP	Safety Improvements	10/29/2018
Kershaw	P027995	S-47 (White Pond Road/ Porter Cross Road	S-47 (White Pond Road/ Porter Cross Road/ McCords Ferry Road) bmp 3.9 to emp 7.8	Safety Improvement	Engineering and Inspection	\$8,540.35	\$7,686.41	HSP	Safety Improvements	8/28/2019
Kershaw	P027995	S-47 (White Pond Road/ Porter Cross Road	S-47 (White Pond Road/ Porter Cross Road/ McCords Ferry Road) bmp 3.9 to emp 7.8	Safety Improvement	Engineering and Inspection	(\$4,874.22)	(\$4,386.80)	HSP	Safety Improvements	8/28/2019
Kershaw	P027995	S-47 (White Pond Road/ Porter Cross Road	S-47 (White Pond Road/ Porter Cross Road/ McCords Ferry Road) bmp 3.9 to emp 7.8	Safety Improvement	Road Construction	(\$17,581.69)	(\$15,823.51)	HSP	Safety Improvements	8/28/2019
Kershaw	P027995	S-47 (White Pond Road/ Porter Cross Road	S-47 (White Pond Road/ Porter Cross Road/ McCords Ferry Road) bmp 3.9 to emp 7.8	Safety Improvement	Road Construction	(\$42,358.53)	(\$38,122.68)	HSP	Safety Improvements	8/28/2019
Lexington	P027997	S-415 (Church St)	S-415 (Church St) Safety Section Project in Lexington County BMP 0.01 to EMP 1.72 = 1.71 Miles	Safety Improvement	Engineering and Inspection	(\$5,000.00)	(\$4,500.00)	HSP	Safety Improvements	11/26/2018
Lexington	P027998	S-647 (Gator Rd)	S-647 (Gator Rd) Safety Section Project in Lexington County BMP 0.00 to EMP 2.64 = 2.64 Miles	Safety Improvement	Engineering and Inspection	\$0.00	\$0.03	HSP	Safety Improvements	11/26/2018
Lexington	P029212	RRWD upgrade NS Xing No 715612Y on S-165	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern Crossing number 715612Y on S-165	Safety Improvement	Other Construction	\$0.00	(\$9,047.50)	RHP	Railroad Hazard Elimination	10/29/2018
Lexington	P029212	RRWD upgrade NS Xing No 715612Y on S-165	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern Crossing number 715612Y on S-165	Safety Improvement	Other Construction	\$0.00	(\$20,000.00)	RHP	Railroad Hazard Elimination	10/29/2018
Lexington	P029212	RRWD upgrade NS Xing No 715612Y on S-165	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern Crossing number 715612Y on S-165	Safety Improvement	Other Construction	(\$75,427.57)	(\$67,884.81)	RHP	Railroad Hazard Elimination	10/29/2018
Lexington	P029216	RRWD upgrade NS Xing No 715608J on S-952	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern crossing number 715608J on S-952	Safety Improvement	Other Construction	\$0.00	(\$9,047.50)	RHP	Railroad Hazard Elimination	5/6/2019
Lexington	P029216	RRWD upgrade NS Xing No 715608J on S-952	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern crossing number 715608J on S-952	Safety Improvement	Other Construction	\$0.00	(\$20,000.00)	RHP	Railroad Hazard Elimination	5/6/2019
Lexington	P029216	RRWD upgrade NS Xing No 715608J on S-952	Upgrade railroad warning devices to add gates to existing mast mounted flashing lights at Norfolk Southern crossing number 715608J on S-952	Safety Improvement	Other Construction	(\$38,800.18)	(\$34,920.16)	RHP	RR Highway Protective Devices	6/17/2019
Lexington	P030885	Section/Corridor Improvements - S-604 (Jeter Rd/ Rawl Rd) MP 0.00 to MP 4.24	S-604 (Jeter Rd/ Rawl Rd.) MP 0.00 to MP 4.24 - Lexington County	Safety Improvement	Engineering and Inspection	(\$8,021.52)	(\$8,119.37)	HSP	Safety Improvements	12/10/2018
Lexington	P030885	Section/Corridor Improvements - S-604 (Jeter Rd/ Rawl Rd) MP 0.00 to MP 4.24	S-604 (Jeter Rd/ Rawl Rd.) MP 0.00 to MP 4.24 - Lexington County	Safety Improvement	Road Construction	(\$92,921.66)	(\$83,629.49)	HSP	Safety Improvements	12/10/2018
Kershaw	P030892	Section/Corridor Improvements - S-906 (Tower Rd/ Baldwin Rd) MP 0.00 to MP 4.23	S-906 (Tower Rd/ Baldwin Rd.) MP 0.00 to MP 4.23 - Kershaw County	Safety Improvement	Engineering and Inspection	(\$39,460.14)	(\$35,514.13)	HSP	Safety Improvements	12/10/2018
Kershaw	P030892	Section/Corridor Improvements - S-906 (Tower Rd/ Baldwin Rd) MP 0.00 to MP 4.23	S-906 (Tower Rd/ Baldwin Rd.) MP 0.00 to MP 4.23 - Kershaw County	Safety Improvement	Road Construction	(\$406,439.45)	(\$365,795.51)	HSP	Safety Improvements	12/10/2018

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	P032264	RRWD upgrade NS Xing No 715614M on S-180	Upgrade railroad warning devices to add gates to the standard mast mounted lights at NS crossing number 715614M on S-180	Safety Improvement	Other Construction	(\$14,954.09)	(\$13,458.69)	RHP	RR Highway Protective Devices	8/26/2019
Lexington	P032270	RRWD upgrade NS Xing No 715616B on S-358	Upgrade railroad warning devices to add gates to the existing mast mounted lights at NS crossing number 715616B on S-358	Safety Improvement	Other Construction	(\$53,826.88)	(\$48,444.18)	RHP	RR Highway Protective Devices	6/17/2019
Richland	P032276	JP Thomas Elementary Safe Routes to School	INFRASTRUCTURE - VAR LOCS JP THOMAS ELEM (1.5 MI) Sidewalk along Flake Street (S-1270) and Mason Road (S-219), curb and gutter, drainage, high visibility crosswalks, signing, ADA curb ramps, and bike racks at the school.	Safety Improvement	Right of Way	\$5,000.00	\$5,000.00	SRS	Safe Routes to School	3/1/2019
Richland	P032276	JP Thomas Elementary Safe Routes to School	INFRASTRUCTURE - VAR LOCS JP THOMAS ELEM (1.5 MI) Sidewalk along Flake Street (S-1270) and Mason Road (S-219), curb and gutter, drainage, high visibility crosswalks, signing, ADA curb ramps, and bike racks at the school.	Safety Improvement	Right of Way	\$2,000.00	\$2,000.00	SRS	Safe Routes to School	4/29/2019
Lexington	P038031	I-26 Safety Improvements MP 90 to 120	I-26 Safety Improvements	Safety Improvement	Engineering and Inspection	\$16,787.27	\$15,090.54	HSP	Safety Improvements	9/19/2019
Lexington	P038031	I-26 Safety Improvements MP 90 to 120	I-26 Safety Improvements	Safety Improvement	Preliminary Engineering	\$50,000.00	\$45,000.00	HSP	Safety Improvements	5/21/2019
Lexington	P038031	I-26 Safety Improvements MP 90 to 120	I-26 Safety Improvements	Safety Improvement	Road Construction	\$172,702.87	\$155,432.58	HSP	Safety Improvements	9/19/2019
Total						(\$996,729.42)	(\$954,491.06)			

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SIGNALS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	P027390	Town of Lexington Adaptive Signals - Phase I (19 of 35 signals)	Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 19 signals	Signal	Preliminary Engineering	(\$80,000.00)	\$0.00	STF	C Program	11/20/2018
Richland	P027476	Signal System Improvement - Two Notch Road	Signal Rebuild at 6 locations along US 1 and along Parklane	Signal	Engineering and Inspection	(\$1,735.10)	(\$1,735.10)	STP	COATS	4/25/2019
Richland	P027476	Signal System Improvement - Two Notch Road	Signal Rebuild at 6 locations along US 1 and along Parklane	Signal	Road Construction	(\$6,560.04)	(\$6,560.04)	STP	COATS	4/25/2019
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Engineering and Inspection	\$ 240,368.61	192294.89	STBGP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Engineering and Inspection	\$33,823.96	\$27,059.17	STBGP	COATS	5/22/2019
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Other Construction	\$ 60,000.00	\$ 48,000.00	STBGP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Right of Way	\$0.00	(\$17,864.00)	STBGP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Right of Way	\$12,000.00	\$9,600.00	STBGP	COATS	5/22/2019
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Right of Way	\$0.00	(\$71,456.00)	STP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Road Construction	\$1,952,745.70	\$1,562,196.56	STBGP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Road Construction	\$268,386.77	\$214,709.42	STBGP	COATS	5/22/2019
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Road Construction	\$440,000.00	\$0.00	STF	C Program	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Road Construction	\$80,000.00	\$0.00	STF	C Program	5/22/2019
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Road Construction	\$83,051.00	\$66,440.80	STP	COATS	11/28/2018
Lexington	P028102	Town of Lexington Adaptive Signals - Phase II (16 of 35 signals)	(Type II) Traffic Signal upgrades including rebuilds, mast arms, communications, and adaptive signal system at up to 16 signals	Signal	Utility	\$6,269.00	\$5,015.20	STP	COATS	11/28/2018
Total						\$3,888,349.90	\$2,027,700.90			

WIDENINGS

COATS MPO/CMCOG FY 2019 ANNUAL OBLIGATIONS LISTING

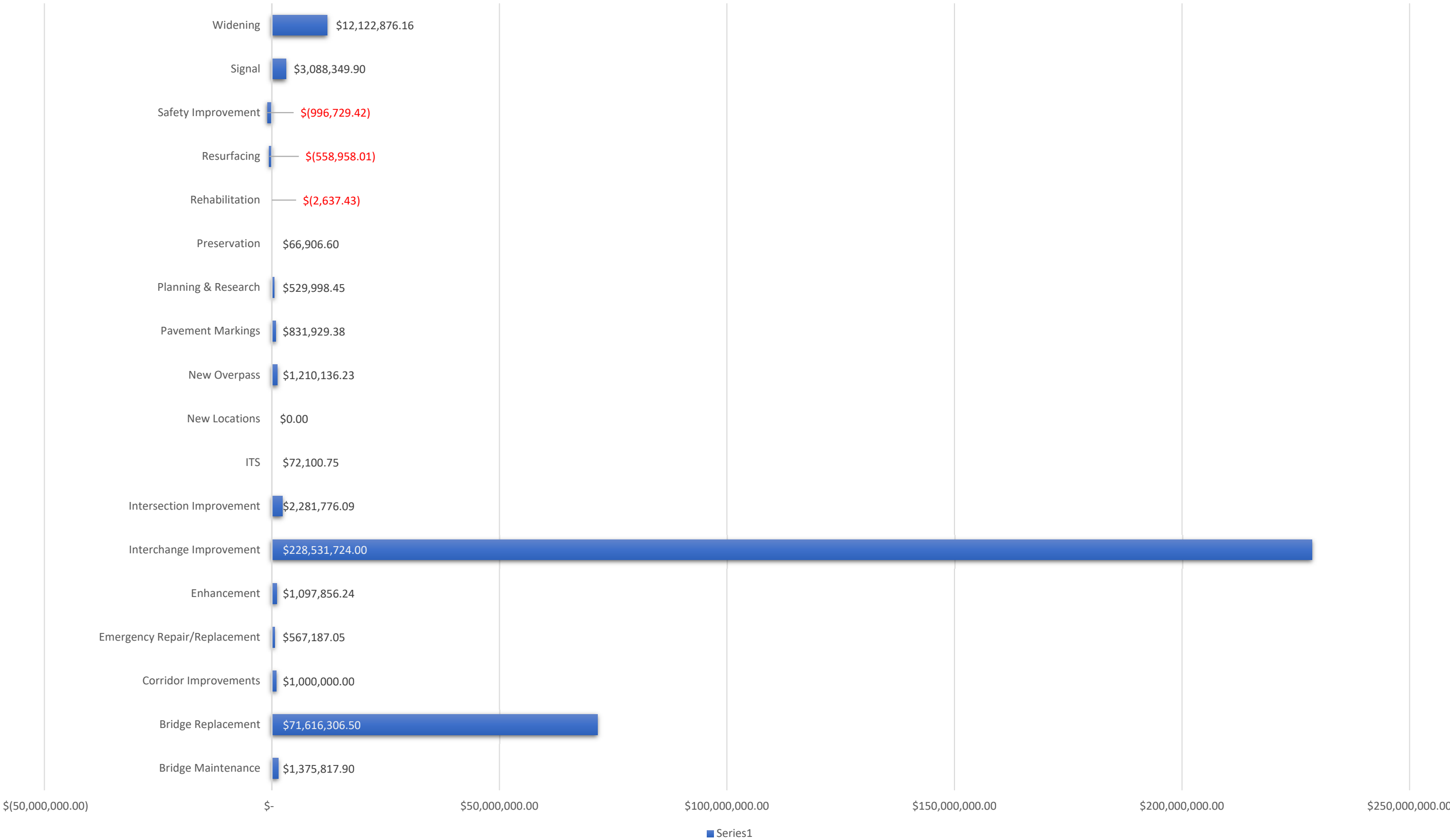
Location List	Project ID	Project Name	Project Description	Project Type	Project Work Phase	Funding Transaction Obligation Amount	Funding Transaction Federal Amount	Funding Transaction Category	Funding Transaction Program	Funding Transaction Authorization Date
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Engineering and Inspection	(\$50,000.00)	(\$40,000.00)	STP	Central Midlands	6/4/2019
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Preliminary Engineering	\$35,000.00	\$28,000.00	STBGP	Central Midlands	12/3/2018
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Preliminary Engineering	\$25,000.00	\$20,000.00	STP	Central Midlands	10/25/2018
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Preliminary Engineering	\$50,000.00	\$40,000.00	STP	Central Midlands	6/4/2019
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Preliminary Engineering	(\$10,990.00)	(\$8,792.00)	STP	Central Midlands	6/17/2019
Lexington	0035423X	US 1 (SC 23 (Leesville to S-24) Phase I	Widening of US 1 from S-24 (Peach Festival Rd) to S-31 (Hampton Road) - Phase I. All PE and RW is covered under Phase I of the project. Phases II and III to be let together under a separate contract.	Widening	Right of Way	\$63,000.00	\$50,400.00	STBGP	Central Midlands	6/24/2019
Richland	0039032RD01	Leesburg Road (SC 262)	Widening of SC 262 from S-88 (Fairmont Rd) to S-37 (Lower Richland Blvd) in Richland County	Widening	Right of Way	\$212,804.46	\$170,243.57	STBGP	COATS	10/30/2018
Richland	0039032RD01	Leesburg Road (SC 262)	Widening of SC 262 from S-88 (Fairmont Rd) to S-37 (Lower Richland Blvd) in Richland County	Widening	Right of Way	\$168,774.18	\$135,019.34	STBGP	COATS	12/3/2018
Richland	0039032RD01	Leesburg Road (SC 262)	Widening of SC 262 from S-88 (Fairmont Rd) to S-37 (Lower Richland Blvd) in Richland County	Widening	Right of Way	\$189,981.25	\$151,985.00	STBGP	COATS	2/15/2019
Richland	0039032RD01	Leesburg Road (SC 262)	Widening of SC 262 from S-88 (Fairmont Rd) to S-37 (Lower Richland Blvd) in Richland County	Widening	Right of Way	(\$189,981.25)	(\$151,985.00)	STBGP	COATS	5/1/2019
Richland	0039032RD01	Leesburg Road (SC 262)	Widening of SC 262 from S-88 (Fairmont Rd) to S-37 (Lower Richland Blvd) in Richland County	Widening	Right of Way	\$37,195.54	\$29,756.43	STP	COATS	10/30/2018
Richland	P027002	I-77 (I-20 to Killian Road (Exit 22))	Project includes widening I-77 with a third lane to the median in each direction beginning near I-20 and extending to Killian Road and rehab of SB lanes from Killian Rd to Blythwood Rd. The project will also include the widening of 10 mainline bridges.	Widening	Engineering and Inspection	(\$275,000.00)	(\$275,000.00)	NHP	Interstates	7/11/2019
Richland	P027002	I-77 (I-20 to Killian Road (Exit 22))	Project includes widening I-77 with a third lane to the median in each direction beginning near I-20 and extending to Killian Road and rehab of SB lanes from Killian Rd to Blythwood Rd. The project will also include the widening of 10 mainline bridges.	Widening	Other Construction	\$275,000.00	\$275,000.00	NHP	Interstates	7/11/2019
Lexington	P027003	I-20 (US 378 to Long Pond Road)	Project includes the widening of I-20 to the median in each direction from near US 378 to just beyond Longs Pond Road. The project will also include the widening or replacement of two mainline bridges over Southern Railroad near MP 57.	Widening	Railroad	\$240,286.00	\$0.00	SIB	Interstate (Act 98)	12/13/2018
Lexington	P027003	I-20 (US 378 to Long Pond Road)	Project includes the widening of I-20 to the median in each direction from near US 378 to just beyond Longs Pond Road. The project will also include the widening or replacement of two mainline bridges over Southern Railroad near MP 57.	Widening	Road Construction	(\$240,286.00)	\$0.00	SIB	Interstate (Act 98)	12/13/2018
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Engineering and Inspection	\$1,545,423.06	\$0.00	STF	Richland Sales Tax	10/25/2018
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Engineering and Inspection	(\$536,386.71)	\$0.00	STF	Richland Sales Tax	1/23/2019
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Road Construction	\$800,000.00	\$720,000.00	HSP	Safety Improvements	10/25/2018
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Road Construction	\$14,862,857.50	\$0.00	LOC	Richland Sales Tax	10/25/2018
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Road Construction	(\$5,524,783.12)	\$0.00	LOC	Richland Sales Tax	1/23/2019
Richland	P028858	S-52 (Clemson Rd)	Widening of S-52 (Clemson Road) to 5-lane section with bicycle lanes and sidewalks between Old Clemson Road and Sparkleberry Crossing Road. Part of Richland County Sales Tax Program.	Widening	Road Construction	\$225,000.00	\$180,000.00	TAP	Areas > 200K	10/25/2018
Richland	P038523	Demolition and Disposal of Structures	Demolition and Disposal of Structures (5) acquired as part of the Leesburg Rd. widening project. Work to be extended to existing Contract ID 2881111.	Widening	Road Construction	\$189,981.25	\$151,985.00	STBGP	COATS	5/1/2019
Total						\$12,122,876.16	\$1,476,612.34			

APPENDIX

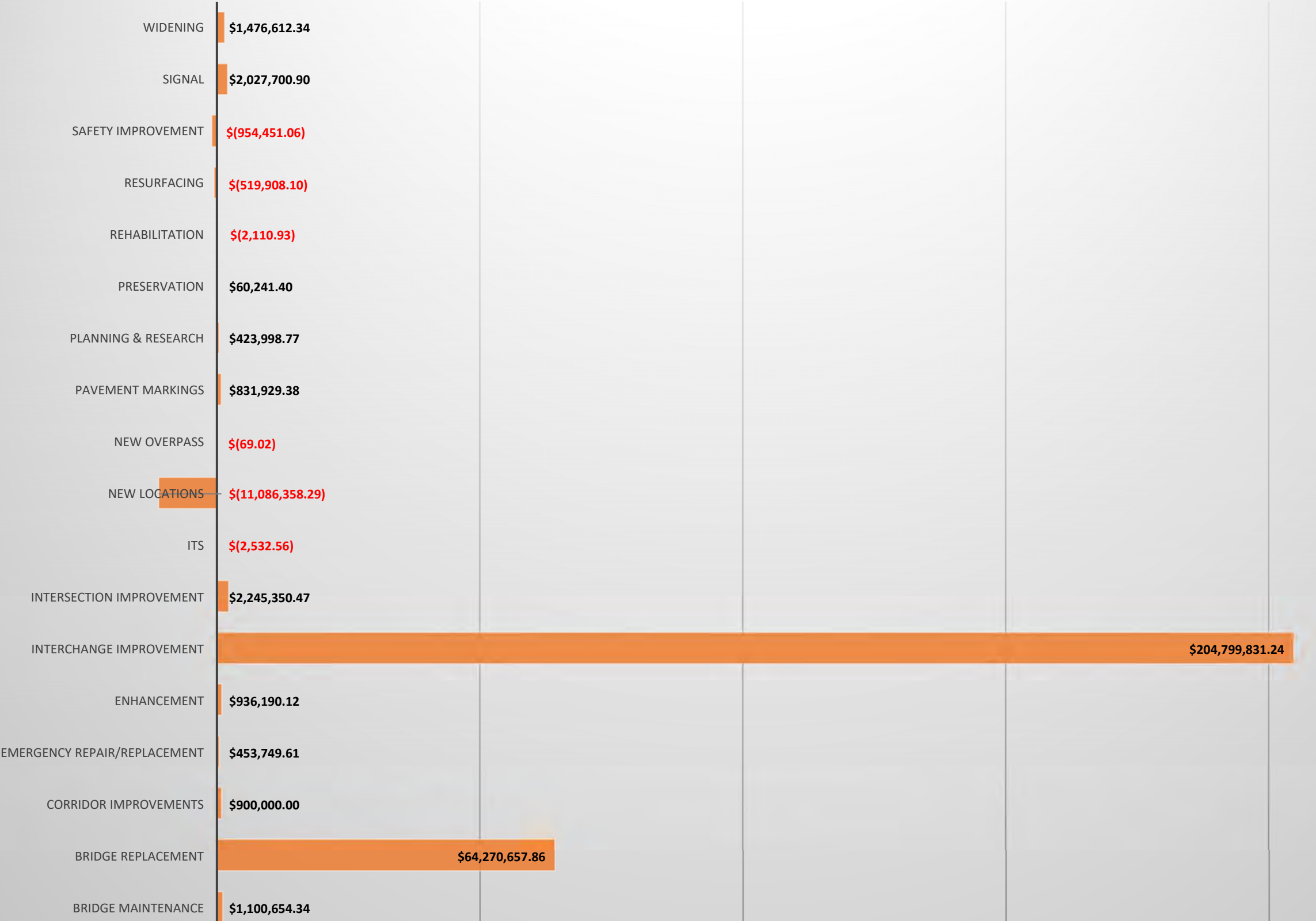
FUNDING ANALYSIS BY PROJECT TYPE

Project Type	Funding Transaction Obligation Amount	Funding Transaction Federal Amount
Bridge Maintenance	\$ 1,375,817.90	\$ 1,100,654.34
Bridge Replacement	\$ 71,616,306.50	\$ 64,270,657.86
Corridor Improvements	\$ 1,000,000.00	\$ 900,000.00
Emergency Repair/Replacement	\$ 567,187.05	\$ 453,749.61
Enhancement	\$ 1,097,856.24	\$ 936,190.12
Interchange Improvement	\$ 228,531,724.00	\$ 204,799,831.24
Intersection Improvement	\$ 2,281,776.09	\$ 2,245,350.47
ITS	\$ 72,100.75	\$ (2,532.56)
New Locations	\$0.00	\$ (11,086,358.29)
New Overpass	\$ 1,210,136.23	\$ (69.02)
Pavement Markings	\$ 831,929.38	\$ 831,929.38
Planning & Research	\$ 529,998.45	\$ 423,998.77
Preservation	\$ 66,906.60	\$ 60,241.40
Rehabilitation	\$ (2,637.43)	\$ (2,110.93)
Resurfacing	\$ (558,958.01)	\$ (519,908.10)
Safety Improvement	\$ (996,729.42)	\$ (954,451.06)
Signal	\$ 3,088,349.90	\$ 2,027,700.90
Widening	\$ 12,122,876.16	\$ 1,476,612.34
Total	\$ 322,834,640.39	\$ 266,961,486.47

Funding Transaction Obligation Amount




Funding Transaction Federal Amount



\$(50,000,000.00) \$- \$50,000,000.00 \$100,000,000.00 \$150,000,000.00 \$200,000,000.00 \$250,000,000.00

MEMORANDUM

TO: MPO and COG Directors

FROM: Brent L. Rewis, PE, Director of Planning 

DATE: August 7, 2019

RE: FAST Act Safety 2016-20 Performance Targets

Federal regulations require state departments of transportation (DOTs) to establish and report annual safety performance targets by August 31st of each year. MPOs are required to either adopt and support their DOT's statewide safety targets or set their own safety targets specific to their areas. The South Carolina Department of Transportation (SCDOT) established its first set of safety targets on August 31, 2017. Per the Planning Procedure Agreement, PL-2017-01, herewith attached, requires the same compliance by COGs beginning with the fiscal year 2019 establishment of targets.

Annual targets are expressed as five-year rolling averages. SCDOT, in coordination with the South Carolina Department of Public Safety, has established statewide targets for the number of fatalities, number of serious injuries, and rate of fatalities. In addition, SCDOT established statewide targets for the rate of serious injuries and the number of non-motorized fatalities and serious injuries. The following table outlines South Carolina's 2016-20 Statewide Safety Targets.

SOUTH CAROLINA

Performance Measure	2016-2020 Targets
Number of Fatalities	1011
Fatality Rate	1.82
Number of Serious Injuries	2,781
Serious Injury Rate	4.98
Number of Non-motorized Fatalities and Serious Injuries	380

Per federal rules and PL-2017-01, MPOs and COGs shall have their Policy Committees formally adopt and set either the State's or their own safety targets through the Long Range Transportation Plan amendment and provide SCDOT a letter confirming such action with the date of approval by **February 27, 2020**.

The SCDOT Offices of Planning and Traffic Engineering Safety are available to assist our MPO and COG partners with any questions you may have with the five safety performance measures.

BLR:sdb

Enclosure: PL-2017-01

cc: Emily Lawton, Federal Highway Administration Division Administrator

File: Pln/BLR



South Carolina Department of Transportation

Planning Procedure Agreement

Agreement Number: PL- 2017-01

Effective: August 31, 2017

Subject: Coordination of Safety Data and Target Setting for Metropolitan Planning Organizations (MPOs) and Council of Governments (COGs) to address FAST Act compliance

Purpose: Define the Initial Coordination Process between the South Carolina Department of Transportation (SCDOT) and MPOs and COGs to Facilitate Initial Safety Target Setting for the Five Prescribed FAST Act Performance Measures.

Primary Department: Planning

Roles, Responsibilities, and Deliverables:

The FAST Act and subsequent federal rulemaking established five performance measures related to Safety. The measures are:

- Number of fatalities;
- Number of serious injuries;
- Rate of fatalities per 100 million vehicle miles traveled;
- Rate of serious injuries per 100 million vehicle miles traveled; and
- Number of non-motorized fatalities and serious injuries.

Federal regulations require state departments of transportations (DOTs) to establish and report annual targets related to each of these five performance measures by August 31 of each year. MPOs are required to either adopt and support their DOT's statewide targets or set their own targets specific to their areas. Annual targets will be expressed as five-year rolling averages and be compared with a five-year rolling average base period comprising of the five calendar years ending prior to the year the targets are due.

SCDOT, in coordination with the South Carolina Department of Public Safety, have established statewide targets for the first three performance measures (number of fatalities, number of serious injuries, and rate of fatalities). SCDOT will also establish statewide targets for the rate of serious injuries and number of non-motorized fatalities and serious injuries annually by August 31.

In preparation for the initial safety target setting effort with targets due August 31, 2017, consultation between SCDOT and MPOs occurred via quarterly webinars to review federal rule making requirements, a staff presentation to the MPO and COG Working Group chartered to assist with implementation of performance management, and a subsequent meeting with all MPO and COG partners to review the proposed process procedure agreement.

For the initial target-setting period of calendar year 2018, SCDOT recommends MPOs adopt and support SCDOT's statewide targets.



In the future as part of the target setting process, SCDOT will:

- Inform MPOs of the five performance measure targets established for the state each year by June 30 of each year.
- Provide the number of fatalities, number of serious injuries, vehicle miles traveled, and number of non-motorized fatalities and serious injuries for the five-year base period within the respective MPO boundaries to MPOs by June 30 of each year.
- If requested, provide target setting guidance to MPOs should they decide to establish their own targets for one or more of the five performance measures.

MPOs will:

- By February 27 of each year, have their Policy Committees formally adopt the five Safety targets through Long Range Transportation Plan amendment; and
- By February 27 of each year, provide SCDOT a letter confirming action by their Policy Committee and the date of approval.

COGs will:

- Be required to comply with the same requirements of MPOs beginning fiscal year 2019.

At the request of an MPO, SCDOT will:

- Provide Safety target adoption language for the MPO to incorporate into its Long Range Transportation Plan; and
- Provide staff support during the Policy Committee meeting to assist with presenting the adoption of Safety targets.

Submitted by:

Mark Pleasant, AICP

Director of Planning

Approved by:

James J. Fedra, Jr., P.E.

Deputy Secretary for
Planning

Intermodal

MPO/COG Concurrence:

MPO/COG Director





December 12, 2019

Mr. Stephen A. Allen, AICP
Asset and Performance Manager
South Carolina Department of Transportation
955 Park Street, Room 516
Columbia, SC 29202

RE: Acceptance of 2016 – 2020 SCDOT Safety Performance Measures

Dear Mr. Allen:

The Policy Committee of the Columbia Area Transportation Study Metropolitan Planning Organization approved and adopted an amendment to the agency's 2040 Long Range Transportation Plan on December 12, 2019 incorporating the SCDOT Performance Measures and Targets.

For the 2019 performance period, the Columbia Area Transportation Study Metropolitan Planning Organization has elected to accept and support the State of South Carolina DOT targets for the PM1 Safety Performance Measures as described below:

Performance Measure 2016-2020 Statewide Targets

Total Number of Fatalities	1011
Fatality Rate per 100 Million Vehicle Miles Traveled	1.819
Total Number of Serious Injuries	2,781
Serious Injury Rate per 100 Million Vehicle Miles Traveled	4.979
Total Number of Non-motorized Fatalities and Serious Injuries	380

The amended 2040 Long Range Transportation Plan is available for viewing on our website at www.centralmidlands.org. If you have any questions or need any additional information, please do not hesitate to contact me at 803-744-5133 or by email at rsimmons@centralmidlands.org. Thank you for your interest in this matter.

Sincerely,

Reginald Simmons
Deputy Executive Director/Transportation Director



RESOLUTION

RESOLUTION AUTHORIZING THE COLUMBIA AREA TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION TO ADOPT THE SAFETY PERFORMANCE MANAGEMENT TARGETS AS APPROVED BY THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

WHEREAS, Federal regulations require that the Long Range Metropolitan Transportation Plans and Transportation Improvement Programs include Safety Performance Management Targets for urbanized areas; and,

WHEREAS, the South Carolina Department of Transportation in coordination with the Federal Highway Administration has reviewed the requirement to adopt the following 2016 - 2020 Safety Performance Management Targets by August 31, 2019; and,

Performance Measures 2016 – 2020 Statewide Targets

Total Number of Fatalities	1011
Fatality Rate per 100 Million Vehicle Miles Traveled	1.819
Total Number of Serious Injuries	2,781
Serious Injury Rate per 100 Million Vehicle Miles Traveled	4.979
Total Number of Non-motorized Fatalities and Serious Injuries	380

WHEREAS, the adoption the Safety Performance Management Targets by the South Carolina Department of Transportation begins a 180-day time period for metropolitan planning organizations to evaluate and set regionally specific targets or accept and support the state's targets; and,

WHEREAS, the Policy Committee of the Columbia Area Transportation Study Metropolitan Planning Organization in coordination with the Federal Highway Administration and the South Carolina Department of Transportation has reviewed the requirement to adopt Safety Performance Management Targets for use in the metropolitan transportation planning process; and,

WHEREAS, the Transportation Subcommittee at its meeting on November 14, 2019 recommended that the MPO Policy Committee support the Safety Performance Management Targets approved by the South Carolina Department of Transportation; and,

WHEREAS, the Technical Committee at its meeting on December 3, 2019 recommended that the MPO Policy Committee support the Safety Performance Management Targets approved by the South Carolina Department of Transportation.

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NOW, THEREFORE BE IT RESOLVED BY THE COLUMBIA AREA TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION:

1. The Columbia Area Transportation Study Metropolitan Planning Organization Policy Committee concurs with the recommendation of the Transportation Subcommittee to support the Safety Performance Management Targets as approved by the South Carolina Department of Transportation.
2. The Columbia Area Transportation Study Metropolitan Planning Organization Policy Committee concurs with the recommendation of the Technical Advisory Committee to support the Safety Performance Management Targets as approved by the South Carolina Department of Transportation.

CERTIFICATION

THE UNDERSIGNED is the duly qualified Chairman of Columbia Area Transportation Study Metropolitan Planning Organization Policy Committee, and hereby certify that the foregoing is a true and correct copy of a resolution adopted at an open meeting of the Central Midlands Council of Governments held on December 12, 2019.

Steve MacDougall, MPO Chairman
Columbia Area Transportation Study
Metropolitan Planning Organization

Reginald Simmons, MPO Director
Columbia Area Transportation Study
Metropolitan Planning Organization

Witness

Witness



December 12, 2019

Mr. Stephen A. Allen, AICP
Asset and Performance Manager
South Carolina Department of Transportation
955 Park Street, Room 516
Columbia, SC 29202

RE: Acceptance of 2016 – 2020 SCDOT Safety Performance Measures

Dear Mr. Allen:

The Board of Directors of the Central Midlands Council of Governments approved and adopted an amendment to the agency's 2035 Long Range Transportation Plan on December 12, 2019 incorporating the SCDOT Performance Measures and Targets.

For the 2019 performance period, the Central Midlands Council of Governments Board of Directors has elected to accept and support the State of South Carolina DOT targets for the PM1 Safety Performance Measures as described below:

Performance Measure 2016-2020 Statewide Targets

Total Number of Fatalities	1011
Fatality Rate per 100 Million Vehicle Miles Traveled	1.819
Total Number of Serious Injuries	2,781
Serious Injury Rate per 100 Million Vehicle Miles Traveled	4.979
Total Number of Non-motorized Fatalities and Serious Injuries	380

The amended 2035 Long Range Transportation Plan is available for viewing on our website at www.centralmidlands.org. If you have any questions or need any additional information, please do not hesitate to contact me at 803-744-5133 or by email at rsimmons@centralmidlands.org. Thank you for your interest in this matter.

Sincerely,

Reginald Simmons
Deputy Executive Director/Transportation Director

F:\Silver Flash Drive 3-27-18\Board Meeting Info\2019 Board Meetings\12-12-19\Enclosure 5 - Safety Performance Targets Resolution CMCOG.doc

Serving Local Governments in South Carolina's Midlands

236 Stoneridge Drive, Columbia, SC 29210 (803) 376-5390 FAX (803) 376-5394 Web Site: <http://www.centralmidlands.org>



RESOLUTION

RESOLUTION AUTHORIZING THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS TO ADOPT THE SAFETY PERFORMANCE MANAGEMENT TARGETS AS APPROVED BY THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

WHEREAS, Federal regulations require that the Long Range Metropolitan Transportation Plans and Transportation Improvement Programs include Safety Performance Management Targets for urbanized areas; and,

WHEREAS, the South Carolina Department of Transportation in coordination with the Federal Highway Administration has reviewed the requirement to adopt the following 2016 - 2020 Safety Performance Management Targets by August 31, 2019; and,

Performance Measures 2016 – 2020 Statewide Targets

Total Number of Fatalities	1011
Fatality Rate per 100 Million Vehicle Miles Traveled	1.819
Total Number of Serious Injuries	2,781
Serious Injury Rate per 100 Million Vehicle Miles Traveled	4.979
Total Number of Non-motorized Fatalities and Serious Injuries	380

WHEREAS, the adoption the Safety Performance Management Targets by the South Carolina Department of Transportation begins a 180-day time period for councils of governments to evaluate and set regionally specific targets or accept and support the state's targets; and,

WHEREAS, the Central Midlands Council of Governments Board of Directors in coordination with the Federal Highway Administration and the South Carolina Department of Transportation has reviewed the requirement to adopt Safety Performance Management Targets for use in the transportation planning process; and,

WHEREAS, the Rural Transportation Committee at its meeting on December 5, 2019 recommended that the Central Midlands Council of Governments Board of Directors support the Safety Performance Management Targets approved by the South Carolina Department of Transportation.

NOW, THEREFORE BE IT RESOLVED BY THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS:

1. The Central Midlands Council of Governments Board of Directors concurs with the recommendation of the Rural Transportation Committee to support the Safety Performance Management Targets as approved by the South Carolina Department of Transportation.

CERTIFICATION

THE UNDERSIGNED is the duly qualified Chairman of Central Midlands Council of Governments Board of Directors, and hereby certify that the foregoing is a true and correct copy of a resolution adopted at an open meeting of the Central Midlands Council of Governments held on December 12, 2019.

Steve MacDougall, Chairman
Central Midlands Council of Governments

Benjamin J. Mauldin, Executive Director
Central Midlands Council of Governments

Witness

Witness



November 5, 2019

Ms. Dee Foster
Federal Transit Administration
Region IV Civil Rights Officer
230 Peachtree St., N.W., Suite 800
Atlanta, GA 30303

RE: Federal Identification Number: 1069 for the FY 2020 – 2022 DBE Goal - Revised

Dear Ms. Foster:

The Central Midlands Council of Governments has presented an overall FY 2020 – 2022 Disadvantaged Business Enterprise goal of 5% for federal funds that will be expended in DOT-assisted contracts. We plan to achieve our goal through 4% race conscious and 1% race-neutral methods.

I have attached two spreadsheets and a written explanation of the methodology that was used to establish our goal. The base goal was calculated to be 0.53%. The past participation was calculated at 8.95%. Based on the average of these calculations, the DBE Goal was established at 5%. CMCOG is dedicated to providing outreach and to promote the certification of DBEs through the South Carolina Department of Transportation UCP Process. CMCOG will continue to ensure that a good faith effort is made to include DBEs in FTA assisted contract opportunities

If you have any questions or need additional information, please do not hesitate to contact me at 803-744-5133 or just send an email to rsimmons@centralmidlands.org. Thank you for your interest in this matter.

Sincerely,

Reginald Simmons
Deputy Executive Director/Transportation Director
Central Midlands Council of Governments

Attachments: FY 2020 – 2022 Goal (Step 1)
FY 2017 – 2019 Participation (Step 2)
FY 2020 – 2022 DBE Public Notice
FY 2020 – 2022 DBE Goal Flyer
FY 2020 – 2022 DBE Goal Powerpoint

4 - Silver Flash Drive 3-27-18 DBE GOALS FY 2017-19 Second Revision FY 2017 - 2019 DBE GOAL Third Revision Nine Percent FTA Letter - FY 2020-2022 - Cover Letter - Revised.doc

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FY 2020 – 2022 FTA Overall DBE Goal Calculation (\$26.45)

DBE Goal Setting Process

The Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) overall DBE goal for FY 2020 thru FY 2022 is five percent (5%) of the federal financial assistance the COATS MPO will expend in FTA-assisted contracts. The DBE goal will be reviewed annually and updated every three (3) years in accordance with FTA regulations. It is estimated that the DBE goal will be five percent (5%) based the calculation of the FY 2020 through FY 2022 DBE goal.

The methodology used to establish the overall goal, including determining the relative availability of DBEs in the normal market area for procurement of goods and services for the COATS MPO, consists of a multi-step process. Those steps include the following:

A. Identifying the Geographic Scope of the Market Area

1. Before the calculation of the base goal can be made, the reasonable market area for procuring goods and services must be identified to establish geographic parameters for statistical analysis. The parameters are the 46 counties in the State of South Carolina.
2. The budget for proposed projects or any other relevant documents are examined by the COATS MPO to ascertain the type and scope of projects involving FTA funds proposed for the upcoming three fiscal years.
3. The list of projects is analyzed to determine the types of firms/services by North American Industry Classification System (NAICS) codes with which the COATS MPO would likely engage to execute FTA-assisted projects.
4. Using Census definitions, a list of relevant NAICS codes are compiled based on the firm types identified in Step A.3.

B. Determining the Relative Availability of DBEs in the Market Area

1. Once the geographic scope of the market area is determined, the availability of DBEs in the market area can be ascertained. The primary source for this determination will be the State of South Carolina UCP Directory.
2. From the UCP Resource Directory, the relative availability of all DBEs within the market area are identified and placed in a excel spreadsheet.
3. This list is further narrowed down through the identification of only firms that performed work relevant to the COATS MPO's FTA-assisted projects (i.e., the same NAICS codes identified in step A.3).
4. The DBE firms identified in Step B.2 are tallied.

C. Determining Relevant Market Conditions

1. Using the NAICS numbers identified in Step A, recent County Business Patterns Census data for the service area are examined to determine the total number of firms that perform the type of work relevant to the COATS MPO's estimated FTA-assisted contracts.

D. Determining the "Base" DBE Goal

1. The number of (all) firms in the relevant NAICS categories from Step C serve as the denominator.
2. The number of DBE firms determined in Step B serve as the numerator.
3. The percent derived from items 1 and 2 provides the base goal.

E. Determining Adjustments for the "Overall" DBE Goal

After the base DBE goal has been developed in Steps A–D, additional information and data relevant to the COATS MPO's contracting experiences will be considered to determine what adjustment, if any, is needed to the base goal to derive at a final overall goal.

In setting its overall goal, the COATS MPO considers the level at which DBEs have performed work on FTA-assisted contracts for the previous three years. If, historically, this percentage is higher than the established goal, the COATS MPO will see cause to adjust the base figure DBE goal by averaging the base goal and historical DBE performance percentage resulting in the adjusted overall DBE goal. The COATS MPO will continually assess the availability of research documents and demographic studies that may provide additional data on the extent to which DBE firms are "ready, willing, and able" to engage in contracting opportunities and successfully performing on contracts as determined by subcontract and prime contract awards.

Once the COATS MPO arrives at a DBE goal, it will publish the DBE goal information in *The State* newspaper and the Central Midlands Council of Government (CMCOG) website.

Details concerning the methodology used to obtain this goal will be available for review at the CMCOG/COATS MPO offices and website for thirty (30) days following the publication of the notice. Written comments via the U. S. Postal Service addressed and email comments will be accepted for forty-five (45) days from the publication of the notice. Comments may also be directed to FTA Region IV, 230 Peachtree St NW, Suite 800, Atlanta, GA 30303.

FY 2020 – 2022 DBE Goal Calculation

The COATS MPO, in compliance with 49 CFR, Part 26.45, Subpart C, has estimated a goal of five percent (5%) for federal FYs 2020 – 2022 for DBE participation. The goal was developed using the methodology previously described in this attachment. The specific calculations supporting the FY 2020 – 2022 goal are provided below.

Calculation of Base Goal

The COATS MPO's future anticipated FTA-assisted contracting opportunities through FY 2022 were identified and included in the following categories:

- Other Scientific & Technical Consulting Services
 - This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on scientific and technical issues (except environmental).

- Office of Lawyers
 - This industry comprises offices of legal practitioners known as lawyers or attorneys (i.e., counselors-at-law) primarily engaged in the practice of law.

Based on the above, 2012 NAICS codes, contracting opportunities were identified. Table 1 identifies the categories of FTA-assisted contracting opportunities and associated NAICS codes.

Table 1: NAICS Codes for Future FTA-Assisted Contracting Opportunities

Contracting Category	NAICS Code(s)
Other Scientific & Technical Consulting Services	Consulting and Technical Services 54169
Office of Lawyers	Lawyers or Attorneys 54111

Table 2 presents the total amount and percent distribution of FTA-assisted contracting opportunities for each category.

Table 2: Future FTA-Assisted Contracting Opportunities (FY 2020–2022)

Contracting Category	Total Contracting Opportunity (\$ Amount)	Total Contracting Opportunity (% Distribution)
Other Scientific & Technical Consulting Services	\$635,000	99.37%
Office of Lawyers	\$4,000	0.63%
Total	\$639,000	100%

Note: Contracting opportunities identified by COATS MPO for July 1, 2020 – June 30, 2022.

Table 3 presents the percent of DBEs ready, willing and able to perform the work identified by the COATS MPO for FTA-assisted contracts between now and FY 2022. The number of DBEs used to calculate the figures in this table are from the SCDOT UCP DBE Directory and the County Business Patterns Census Data for the geographic area under the identified NAICS codes from Table 1.

Table 3: Availability of DBEs to Perform Identified Work

Contracting Category	% of Ready, Willing, and Able DBEs
Other Scientific & Technical Consulting Services	6.90%
Office of Lawyers	0.08%

The calculation of the base goal is presented in Table 4. The percent is derived from the total number of UCP DBEs divided by the total number of ready, willing, and able DBEs for each contracting category. The calculated sum equals to the base goal of 0.53%.

Table 4: Calculation of Base Goal

Contracting Opportunities	NAICS Code	SCDOT UCP DBE Directory	County Business Patterns	% of Ready, Willing, & Able DBEs
Human Services Coordination Plan	54169	12	174	6.90%
Legal Services	54111	2	2,448	0.08%
Short Range Transit Plan	54169	12	174	6.90%
People Mover Practical Analysis	54169	12	174	6.90%
Origin and Destination and Demographic Study	54169	12	174	6.90%
Regional Express Bus and Park & Ride Lot Study	54169	12	174	6.90%
Base DBE Goal		14	2,622	0.53%

Adjustment to Base Goal

In accordance with regulations, the COATS MPO utilized the Step 2 Methodology outlined by the Federal Transit Administration, Office of Civil Rights, in the PowerPoint presentation “Disadvantaged Business Enterprises Goal Setting Methodology.” The methodology proposed four criteria to determine the adjusted base figure. They include the current capacity of existing DBEs to do the work, disparity studies, input from interested parties, and past participation. Of the criteria proposed, past participation, was determined to be applicable. The requirement that the upcoming contract opportunities are similar to past contract opportunities was met. Past DBE participation was determined for the preceding four years.

- ✓ FY 2016 = 8.9%
- ✓ FY 2017 = 9 %
- ✓ FY 2018 = 0%
- ✓ FY 2019 = 25%

The total for past participation was determine by calculating the median from the past four year while removing any years that are not consistent with previous participation and may be considered outliers. Thus the years for FY 2016 and FY 2017 were used to determine the median for past participation. The years of FY 2018 and FY 2019 were considered to be outliers due to the lack of consistency in DBE participation. The calculated amount for past participation equals to 8.95%.

In determining the actual DBE participation for each year the following calculations were used:

- In FY 2016, a Certified DBE firm was part of a consulting team to perform a planning analysis. The Certified DBE firm provided technical assistance and engineering support to the overall project. The total overall FTA contract amount was \$237,500. The Certified DBE participation amount was \$21,098.
- In FY 2017, three Certified DBE firms were part of a consulting team to perform a planning analysis. The Certified DBE firms provided technical assistance and engineering support to the overall project. The total overall FTA contract amount was \$245,000. The Certified DBE participation amount was \$23,000.

- In FY 2019, two Certified DBE firms were part of a consulting team to perform Video Production Services. The Certified DBE firms provided casting services and administrative support to the overall project. The total overall FTA contract amount was \$105,000. The Certified DBE participation amount was \$25,777.13.

In total, each of these contracts provided an actual DBE participation which was higher than the base figure and weighted goal for the FY 2020 – 2022 DBE goal.

The calculation of the weighted goal is presented in Table 5. The percent is derived from the total contracting opportunities multiplied by the number of ready, willing, and able DBEs for each contracting category. The calculated sum equals to the weighted goal of 6.85%.

Table 5: Weighted Distribution in FTA-Assisted Contracts

Contracting Opportunity	NAICS Code	Total Contracting Opportunity	% of Ready, Willing, & Able DBEs	Results = % of Weighted Distribution
Human Services Coordination Plan	54169	38.34%	6.90%	2.64%
Legal Services	54111	0.63%	0.08%	0.00%
Short Range Transit Plan	54169	18.78%	6.90%	1.30%
People Mover Practical Analysis	54169	15.65%	6.90%	1.08%
Origin and Destination and Demographic Study	54169	7.82%	6.90%	0.54%
Regional Express Bus and Park & Ride Lot Study	54169	18.78%	6.90%	1.30%
Weighted DBE Goal				6.85%

Table 6 presents the COATS MPO's FTA overall DBE goal for FYs 2020 – 2022. The base goal of 0.53% is averaged with the historical participation median of 8.95% to provide an overall goal of 4.74% (rounded to 5%).

Table 6: Calculation of Overall DBE Goal

Base DBE Goal	Historical Participation	Adjusted Overall DBE Goal
0.53%	8.95%	4.74%

The COATS MPO's overall FTA DBE goal for FYs 2020-2022 is five percent (5%). The next update of the COATS MPO's DBE goal will be due to FTA by August 1, 2022.

Public Outreach Activities for Goal Setting

To be provided following the 30-day public comment period from November 7th – December 11, 2019

- Website advertisement: www.centralmidlands.org
- Facebook: <https://www.facebook.com/cmcog/>
- DBE Program informational flyers
- DBE Goal Powerpoint
- DBE direct consultation activity by request.

Breakout of Estimated Race-Neutral & Race-Conscious Participation

The COATS MPO will meet the maximum feasible portion of the overall goal by using race-conscious means of facilitating DBE participation. The COATS MPO uses the following race-conscious means to increase DBE participation.

- Providing a contract goal on each FTA assisted contract to ensure that a good faith effort is made to include a UCP Certified DBE for consideration.

The COATS MPO historically has not met its DBE goal through race-neutral measures and estimates that, in meeting the overall goal of 5%, 4% will be obtained from race-conscious participation and 1% through race-neutral measures. The following is a summary of the basis of the COATS MPO's estimated breakout of race-neutral and race-conscious DBE participation:

1. Arranging solicitations, times for the presentation of bids, quantities, specifications and delivery schedules in ways that facilitate DBE participation.
2. Direct all inquiries regarding becoming a certified DBE to the UCP Program at SCDOT.
3. Direct all inquiries regarding training on federal bonding and loans to SCDOT.
4. Continue to solicit in general circulation newspapers advertisements concerning contracting opportunities, and also solicit quotes that are issued to DBEs or small businesses and also send to businesses that are on bidders list.
5. Notify and disseminate information concerning contracting opportunities to the UCP Office of SCDOT and the local minority business programs by e-mail.
6. Use any other reasonable means thought of during the coming year to energize the program by getting better DBE participation or at least making a good faith effort.
7. Attending and/or sponsoring conferences and workshops to increase interaction with potential DBEs, certified DBEs, and DBE program officials at SCDOT.

To ensure that the COATS MPO's DBE program will be narrowly tailored to overcome the effects of discrimination, if it doesn't use contract goals, it will adjust the estimated breakout of race-neutral and race-conscious participation as needed to reflect actual DBE participation (see §26.51(f)) and it will track and report race-neutral and race-conscious participation separately. For reporting purposes, race-neutral DBE participation includes, but is not necessarily limited to, the following:

- DBE participation through a prime contract it obtains through customary competitive procurement procedures;
- DBE participation through a subcontract on a prime contract that does not carry a DBE goal;
- DBE participation on a prime contract exceeding a contract goal; and
- DBE participation through a subcontract from a prime contractor that did not consider a firm's DBE status in making the award.

FY 2020, 2021, & 2022 DISADVANTAGED BUSINESS ENTERPRISE GOAL							
(Step 1)							
CMCOG Project	Type of Firm/NAICS Code (from the 2016 County Business Patterns)		Anticipated Project Cost	Percentage of the Total (Anticipated Project Cost divided by the Total Cost of DOT assisted contracts)			
Human Services Coordination Plan	54169	Other Scientific & Technical Consulting Services	\$ 245,000.00	38.34%			
Legal Services	54111	Office of Lawyers	\$ 4,000.00	0.63%			
Short Range Transit Plan	54169	Other Scientific & Technical Consulting Services	\$ 120,000.00	18.78%			
People Mover Practical Analysis	54169	Other Scientific & Technical Consulting Services	\$ 100,000.00	15.65%			
Origin and Destination and Demographic Study	54169	Other Scientific & Technical Consulting Services	\$ 50,000.00	7.82%			
Regional Express Bus and Park & Ride Lot Study	54169	Other Scientific & Technical Consulting Services	\$ 120,000.00	18.78%			
Total DOT Assisted Contracts			\$ 639,000.00	100%			
CMCOG Project	Type of Firm/NAICS Code (from the 2016 County Business Patterns)		Number of DBE's (from SCDOT Directory of DBE's updated October 2019)	Number of Firms (from the 2016 County Business Patterns)	Relative Availability (# of DBE's divided by # of all firms)	Weight (from % of the Total in above chart)	Relative Availability (multiplied times) Weight
Human Services Coordination Plan	54169	Other Scientific & Technical Consulting Services	12	174	6.90%	38.34%	2.64%
Legal Services	54111	Office of Lawyers	2	2,448	0.08%	0.63%	0.00%
Short Range Transit Plan	54169	Other Scientific & Technical Consulting Services	12	174	6.90%	18.78%	1.30%
People Mover Practical Analysis	54169	Other Scientific & Technical Consulting Services	12	174	6.90%	15.65%	1.08%
Origin and Destination and Demographic Study	54169	Other Scientific & Technical Consulting Services	12	174	6.90%	7.82%	0.54%
Regional Express Bus and Park & Ride Lot Study	54169	Other Scientific & Technical Consulting Services	12	174	6.90%	18.78%	1.30%
Totals			14	2622	0.53%	1.0000	6.85%

2020, 2021, & 2022 Goal Using Ratio (from Combined Total of Relative Availability)	0.53%
2020, 2021, & 2022 Goal Using Weighting (from Relative Availability multiplied times Weight)	6.85%
2020, 2021, & 2022 Goal Using the Average (Ratio plus Weight divided by 2)	3.69%
Staff Recommended Goal for Fical Years 2020, 2021, & 2022	5%

2017 - 2019 CMCOG Actual DBE Participation
(Step 2)

CMCOG Project	Prime Contractor	Overall FTA Contract Amount	Prime Contractor SCDOT UCP Certified DBE	Subcontractor(s)	Subcontractor Amount Paid	Subcontractor SCDOT UCP Certified DBE?	Percentage of SCDOT UCP Certified DBE Participation	Amount of SCDOT UCP Certified DBE Participation
Site Selection Study - Regional Intermodal Transportation Center	Wendel	\$245,000	No	Kimley-Horn & Associates	\$25,000.00	No		
				Wildan Financial Services	\$30,000.00	No		
				Flock & Rally	\$18,000.00	Yes	7%	\$18,000.00
				Jones Worley Design, Inc.	\$3,000.00	Yes	1%	\$3,000.00
				Costing Services Group, Inc.	\$2,000.00	Yes	1%	\$2,000.00
Video Production Services	Lost Art Communications	\$105,000	No	Hilton Head Video	\$45,070.57	No		
				Greater Works	\$17,527.13	Yes	17%	\$17,527.13
				BayRich Virtual Business Solutions	\$8,250.00	Yes	8%	\$8,250.00
Totals		\$350,000			\$148,847.70			\$48,777.13

CMCOG 2017 - 2019 Goal:

7%

Actual Overall DBE Participation (Actual Participation Amount divided by Total Contracts Amount) (%):

13.94%

Actual Overall DBE Participation (Actual Overall DBE Participation %age multiplied by Total Contracts Amount (\$):

\$48,777.13

(1) (ii)= no disparity studies conducted by MPO in last five years

(1)(iii)= base figure of another recipient not utilized

(2)= not available

(3)=no adjustment attempted for past discrimination

PUBLIC NOTICE

FY 2020 to FY 2022 Disadvantaged Business Enterprise (DBE) Goal (REVISED)

Comment Period November 7, 2019 to December 11, 2019

Notice is hereby given that the Central Midlands Council of Governments (CMCOG) has established their proposed (FY) 2020 (2019/2020) to (FY) 2022 (2021/2022) Disadvantaged Business Enterprise (DBE) program goal for the Federal Transit Administration (FTA) assisted contracting opportunities to be set at five percent (5%). In conformance with implementing regulation 49 CFR Parts 23 and 26, as amended, the Central Midlands Council of Governments has developed their proposed DBE goal based on federal regulations of the United States Department of Transportation (USDOT) and intends to submit to FTA a program goal of 5% for DBE participation in CMCOG contract activities.

The purpose of this notice is to afford certified DBEs, the public, general contractor groups, minorities, and woman's organizations an opportunity to participate and comment on the FY 2020 to FY 2022 DBE Goal. CMCOG DBE Program proposed goal and methodology may be reviewed for 30 days starting with the first day of publication of this notice during normal business hours from 8:45 a.m.-4:45 p.m., Monday-Friday. Those interested can view or receive a copy of the FY 2020 – FY 2022 DBE Goal at 236 Stoneridge Drive, Columbia, SC 29210 or on our website at www.centralmidlands.org. Written comments can be submitted to the CMCOG at the address above or emailed to rsimmons@centralmidlands.org. Written comments will be accepted until December 11, 2019.

For more information about the proposed FY 2020 to FY 2022 DBE goal setting process and the proposed DBE Goal, please contact Reginald Simmons, Deputy Executive Director/Transportation Director, CMCOG, at 803-376-5390 or by email at rsimmons@centralmidlands.org.

All written comments received shall, as applicable, be made a part of the CMCOG records of public input. Please be advised that if no comments are received and/or if no additional changes have been made, then as amended, this document will be published as the final document.

FACT SHEET



FTA Overall DBE Goal (FY 2020 – 2022)

What is the COATS MPO Disadvantaged Business Enterprise (DBE) Program?

The Columbia Area Transportation Study (COATS) Metropolitan Planning Organization (MPO) is dedicated to serving our community, including ensuring nondiscrimination of disadvantaged business enterprises (DBEs) in the award and administration of U.S. Department of Transportation (DOT) Federal Transit Administration (FTA)-assisted contracts. The goals of the program are:

- To ensure a “level playing field in which DBEs can compete fairly for FTA-assisted contracts
- To ensure the DBE Program is narrowly tailored
- To help remove barriers to DBE participation in USDOT assisted contracts.
- To ensure that only firms that meet federal standards are permitted to participate as DBEs

DBE Goal Setting Process

The COATS MPO's DBE goal is developed based on the agency's specific circumstances. The methodology used to develop the goal is reviewed for agreement and accepted or rejected by FTA.

FY 2020 – 2022 FTA Overall DBE Goal

The COATS MPO has calculated an overall **DBE Goal of 5%** for fiscal years (FY) 2020 – 2022, which was submitted to FTA on November 5, 2019. The goal setting process must include a 30-day public comment period, which extends from November 7th – December 11, 2019. The next update of the COATS MPO's DBE goal is due to FTA no later than August 1, 2022.

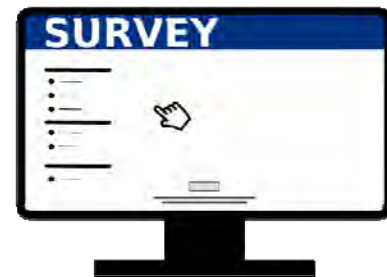
What is a Disadvantaged Business Enterprise?

A disadvantaged business enterprise or DBE means a for profit small business concern -

- 1) That is at least 51% owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which 51% of the stock is owned by one or more such individuals; and
- 2) Whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.

Source: Title 49 of the Code of Federal Regulations (CFR) Part 26

https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title49/49cfr26_main_02.tpl



Please turn over for opportunities to participate in the COATS MPO DBE goal setting process and provide input via the DBE Program Assessment Survey!

<https://www.surveymonkey.com/r/5BB9LRT>

Columbia Area Transportation Study (COATS)

Metropolitan Planning Organization (MPO)

Regional Transportation Planning Program

FACT SHEET



FTA Overall DBE Goal (FY 2020 – 2022)

DBE Program Powerpoint

Please review the COATS MPO Powerpoint on the FY 2020 – 2022 FTA DBE goal on the CMCOG website at <http://centralmidlands.org/cmcoo-coats-mpo-fy-2020-2022-disadvantaged-business-enterprise-dbe-goal.html>. The powerpoint will include a detail description on the goal setting process and contact information for questions and comments.

Presentations on the DBE Goal Setting Process will be held on November 14th @ 12 p.m. and December 3rd @ 9:30 a.m. at the Transportation Subcommittee and Technical Committee respectively. These meetings will be held at the offices of the Central Midland Council of Governments

Please contact Reginald Simmons, Deputy Executive Director /Director of Transportation at rsimmons@centralmidlands.org to schedule a meeting to discuss the DBE goal in more detail.

DBE Program Assessment Survey

The COATS MPO is committed to its DBE Program. To help us determine what services would increase the participation of DBE firms in federal-aid contracts we have developed the DBE Program Assessment Survey. Please take a few minutes to complete this important survey, which can be found on the CMCOG website noted above and at the following link: <https://www.surveymonkey.com/r/5BB9LRT>

For complaints, questions or concerns about the DBE and/or Title VI Programs; or for accessible formats for individuals with disabilities, please contact Reginald Simmons, Deputy Executive Director/Director of Transportation, at (803) 376-5390 or rsimmons@centralmidlands.org.

For more information, please contact:

Reginald Simmons, Deputy Executive Director/Director of Transportation
Central Midlands Council of Governments
236 Stoneridge Drive, Columbia, SC 29210
Phone: (803) 376-5390 – Email: rsimmons@centralmidlands.org.

Useful Links:

COATS MPO DBE Program:

<http://centralmidlands.org/wp-content/uploads/CMCOG-COATS-MPO-DBE-PROGRAM-2017-Approved-August-24-2017.pdf>

State of South Carolina DBE Program:

<https://www.scdot.org/business/bus-development-overview.aspx>

State of South Carolina Unified Certification Program Directory:

<https://www.scdot.org/business/bus-development-dbe-sbe-cert.aspx>

South Carolina Division of Small and Minority Business Contracting and Certification:

<http://osmba.sc.gov/index.html>

South Carolina Division of Small and Minority Business Contracting and Certification DBE Directory:

<http://osmba.sc.gov/directory.html>

Columbia Area Transportation Study (COATS)

Metropolitan Planning Organization (MPO)

Regional Transportation Planning Program



FY 2020 – FY 2022 DISADVANTAGED BUSINESS ENTERPRISE GOAL

POWERPOINT PRESENTATION

PUBLIC COMMENT PERIOD

NOVEMBER 7, 2019 – DECEMBER 11, 2019



FY 2020– FY 2022 DBE GOAL

FY 2020 – FY 2022 DBE GOAL

HAS BEEN RECOMMENDED TO BE SET AT FIVE PERCENT (5%)



FY 2020 – FY 2022 DBE GOAL



The COATS MPO sets an overall goal for Disadvantaged Business Enterprise (DBE) participation in Federal Transit Administration (FTA)-assisted contracts.



The MPO does set contract-specific DBE goals, but reserves the right not to if the overall goal will be otherwise met.

FY 2020 – FY 2022 DBE GOAL



Required by 49 CFR Part 26



Must be updated every three years



Goal calculation methodology due to FTA no later than August 1 (of year due)



Methodology reviewed and approved or rejected by FTA

To ensure a "level playing field in which DBEs can compete fairly for FTA-assisted contracts

To ensure the DBE Program is narrowly tailored

To help remove barriers to DBE participation in USDOT assisted contracts.

To ensure that only firms that meet federal standards are permitted to participate as DBEs

COATS MPO DBE PROGRAM GOALS

The overall DBE goal must:

Be based on the availability of DBEs relative to all businesses in the market area



Not be simply based on:

The national goal

The MPO's previous overall goal, or

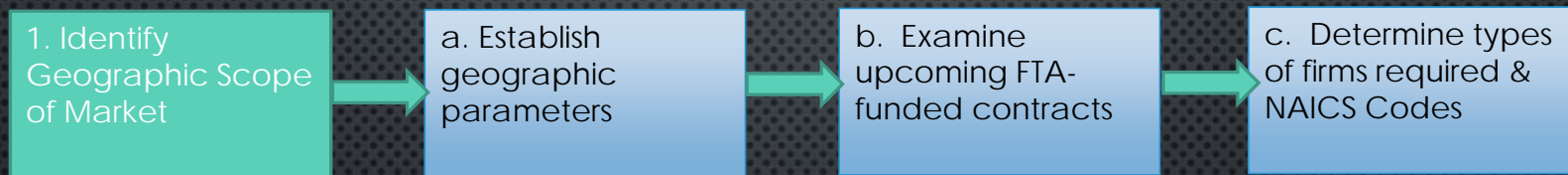
The MPO's historical DBE participation (without reference to the relative availability of DBEs in the market area)



Include required consultation and publication

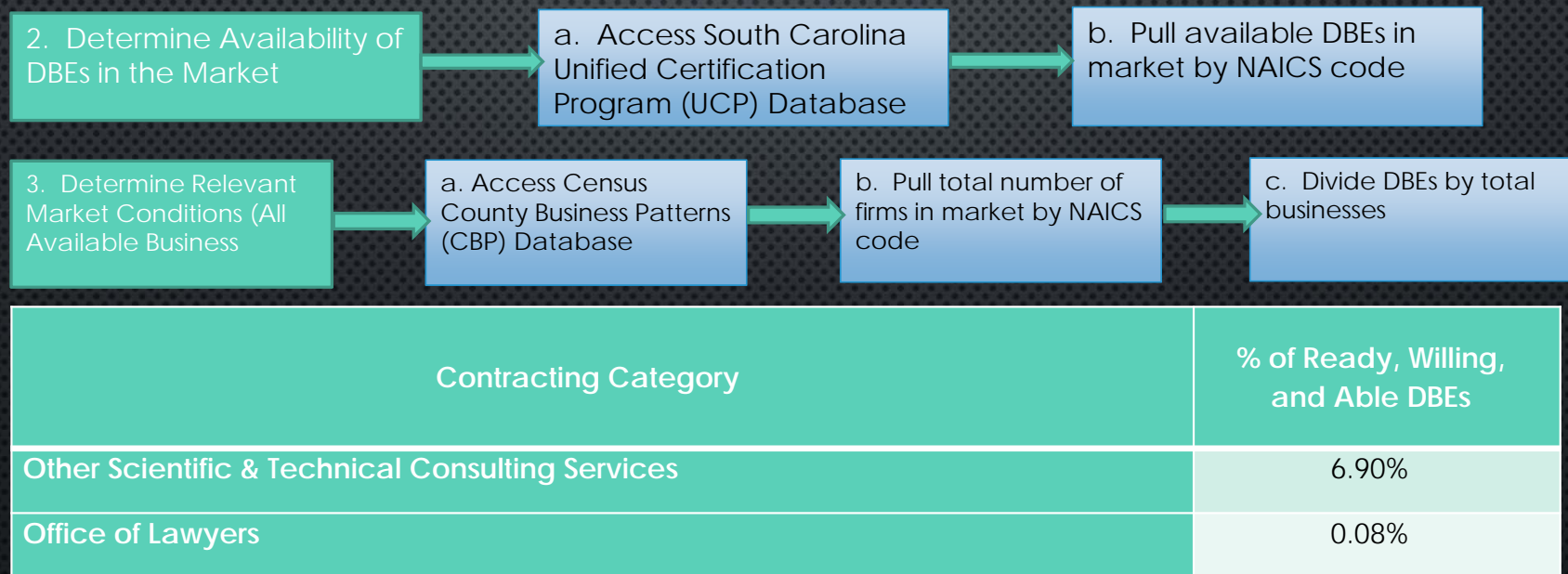
GOAL
CALCULATION
PROCESS

GOAL CALCULATION PROCESS (STEP 1)



Contracting Category	NAICS Code(s)
Other Scientific & Technical Consulting Services	Consulting and Technical Services 54169
Office of Lawyers	Lawyers or Attorneys 54111

GOAL CALCULATION PROCESS (STEPS 2 & 3)



GOAL CALCULATION PROCESS (STEP 4)

4. Determine "Base" DBE Goal

a. Total of
UCP DBEs/CBP
=
Sum is Base Goal

Contracting Opportunities	NAICS Code	SCDOT UCP DBE Directory	County Business Patterns	% of Ready, Willing, & Able DBEs
Human Services Coordination Plan	54169	12	174	6.90%
Legal Services	54111	2	2,448	0.08%
Short Range Transit Plan	54169	12	174	6.90%
People Mover Practical Analysis	54169	12	174	6.90%
Origin and Destination and Demographic Study	54169	12	174	6.90%
Regional Express Bus and Park & Ride Lot Study	54169	12	174	6.90%
Base DBE Goal		14	2,622	0.53%

GOAL CALCULATION PROCESS (STEP 5)

5. Determine "Weighted" DBE Goal

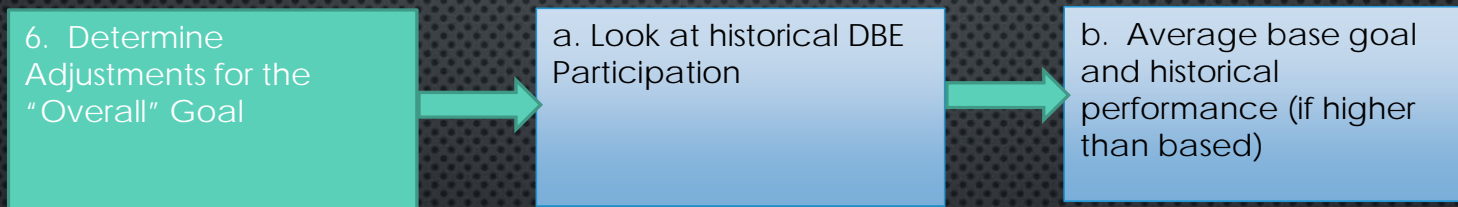
a. Percent of Contracting Opportunity Multiplied by Number of Ready, Willing and Able DBEs
= Sum is Weighted Goal

Contracting Opportunity	NAICS Code	Total Contracting Opportunity	% of Ready, Willing, & Able DBEs	Results = % of Weighted Distribution
Human Services Coordination Plan	54169	38.34%	6.90%	2.64%
Legal Services	54111	0.63%	0.08%	0.00%
Short Range Transit Plan	54169	18.78%	6.90%	1.30%
People Mover Practical Analysis	54169	15.65%	6.90%	1.08%
Origin and Destination and Demographic Study	54169	7.82%	6.90%	0.54%
Regional Express Bus and Park & Ride Lot Study	54169	18.78%	6.90%	1.30%
Weighted DBE Goal				6.85%

GOAL CALCULATION PROCESS (HISTORICAL PARTICIPATION)

CMCOG Project	Prime Contractor	Overall FTA Contract Amount	Prime Contractor SCDOT UCP Certified DBE	Subcontractor(s)	Subcontractor Amount Paid	Subcontractor SCDOT UCP Certified DBE?	Percentage of SCDOT UCP Certified DBE Participation	Amount of SCDOT UCP Certified DBE Participation
Site Selection Study - Regional Intermodal Transportation Center	Wendel	\$245,000	No	Kimley-Horn & Associates	\$ 25,000.00	No		
				Wildan Financial Services	\$ 30,000.00	No		
				Flock & Rally	\$ 18,000.00	Yes	7%	\$ 18,000.00
				Jones Worley Design, Inc.	\$ 3,000.00	Yes	1%	\$ 3,000.00
				Costing Services Group, Inc.	\$ 2,000.00	Yes	1%	\$ 2,000.00
Video Production Services	Lost Art Communications	\$105,000	No	Hilton Head Video	\$ 45,070.57	No		
				Greater Works	\$ 17,527.13	Yes	17%	\$ 17,527.13
				BayRich Virtual Business Solutions	\$ 8,250.00	Yes	8%	\$ 8,250.00
Totals		\$350,000			\$ 148,847.70			\$ 48,777.13
CMCOG 2017 - 2019 Goal:				7%				
Actual Overall DBE Participation (Actual Participation Amount divided by Total Contracts Amount) (%):				13.94%				
Actual Overall DBE Participation (Actual Overall DBE Participation %age multiplied by Total Contracts Amount (\$):				\$48,777.13				

GOAL CALCULATION PROCESS (STEP 6)



Base DBE Goal	Historical Participation	Adjusted Overall DBE Goal
0.53%	8.95%	4.74%



30-Day public
comment period

November 7, 2019 to
December 11, 2019
Advertisements: *Website*



Website advertisement:
www.centralmidlands.org



DBE Program Informational Flyers



DBE direct consultation activity
(this powerpoint presentation)

PUBLIC
COMMENT
PERIOD

PUBLIC COMMENT PERIOD



Presentations on the DBE Goal Setting Process will be held on November 14th @ 12 p.m. and December 3rd @ 9:30 a.m. at the Transportation Subcommittee and Technical Committee respectively. These meetings will be held at the offices of the Central Midland Council of Governments



Please contact Reginald Simmons, Deputy Executive Director /Director of Transportation at rsimmons@centralmidlands.org to schedule a meeting to discuss the DBE goal in more detail.



DBE PROGRAM ASSESSMENT SURVEY

- DBE PROGRAM ASSESSMENT SURVEY
 - FOLLOWING LINK:
[HTTPS://WWW.SURVEYMONKEY.COM/R/5BB9LRT](https://www.surveymonkey.com/r/5BB9LRT)

QUESTIONS

FOR MORE INFORMATION, PLEASE CONTACT:
REGINALD SIMMONS, DEPUTY EXECUTIVE DIRECTOR/
DIRECTOR OF TRANSPORTATION
CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS
236 STONERIDGE DRIVE, COLUMBIA, SC 29210
PHONE: (803) 376-5390
EMAIL: RSIMMONS@CENTRALMIDLANDS.ORG.



December 12, 2019

Mrs. Yvette G. Taylor
Region IV Regional Administrator
Federal Transit Administration
230 Peachtree, NW, Suite 800
Atlanta, GA 30303

RE: CMCOG Authorization of Section 5307 Funds to CMRTA

Dear Mrs. Taylor:

The Central Midlands Council of Governments (CMCOG) and Central Midlands Regional Transit Authority (CMRTA) have a Memorandum of Understanding (MOU) that describes the cooperative working relationship of the two organizations. This MOU recognizes that each year most of the FTA grant dollars that are received by CMCOG as the designated recipient, will be required by CMRTA, a direct recipient, for the provision of public transit services. CMCOG will require some continuing FTA funding in order to meet our responsibilities under MAP-21 and the FAST Act as a Metropolitan Planning Organization.

The CMRTA is preparing grant applications for Section 5307 funds for their maintenance, administration and capital needs. We are providing this letter to authorize the amount of formula funding that the CMRTA may apply for prior to formally submitting their grant applications. We authorize the following Section 5307 funding amount for the purpose of CMRTA's grant applications:

FY 2019 - \$5,154,206 of \$5,154,206

Please be advised that as identified in this Split Letter, the CMCOG, as the Designated Recipient, authorizes the assignment/allocation of Section 5307 to the Central Midlands Regional Transit Authority, herein known as the Direct Recipient. The undersigned agree to the Split Letter and the amounts allocated/assigned to each Direct Recipient. Each Direct Recipient is responsible for its application to the Federal Transit Administration to receive Section 5307 funds and assumes the responsibilities associated with any award for these funds.

We fully support CMRTA's application(s) for the amount stated above. Please feel free to contact me at 803-376-5390 if you need any additional information or if you have any questions. Thank you for your time and interest in this matter.

Sincerely,

Benjamin J. Mauldin
Executive Director

cc: John Andoh
Reginald Simmons



December 12, 2019

Mrs. Yvette G. Taylor
Region IV Regional Administrator
Federal Transit Administration
230 Peachtree, NW, Suite 800
Atlanta, GA 30303

RE: CMCOG Authorization of Section 5339 Funds to CMRTA

Dear Mrs. Taylor:

The Central Midlands Council of Governments (CMCOG) and Central Midlands Regional Transit Authority (CMRTA) have a Memorandum of Agreement (MOA) that describes the cooperative working relationship of the two organizations. This MOA recognizes that each year most of the FTA grant dollars that are received by CMCOG as the designated recipient, will be required by CMRTA, a direct recipient, for the provision of public transit services. CMCOG will require some continuing FTA funding in order to meet our responsibilities under MAP-21 and the FAST Act as a Metropolitan Planning Organization.

The CMRTA is preparing grant applications for Section 5339 funds for their capital needs. We are providing this letter to authorize the amount of formula funding that the CMRTA may apply for prior to formally submitting their grant applications. We authorize the following Section 5339 funding amount for the purpose of CMRTA's grant applications:

FY 2019 - \$584,990

Please be advised that as identified in this Split Letter, the CMCOG, as the Designated Recipient, authorizes the assignment/allocation of Section 5339 to the Central Midlands Regional Transit Authority, herein known as the Direct Recipient. The undersigned agree to the Split Letter and the amounts allocated/assigned to each Direct Recipient. Each Direct Recipient is responsible for its application to the Federal Transit Administration to receive Section 5339 funds and assumes the responsibilities associated with any award for these funds.

We fully support CMRTA's application(s) for the amount stated above. Please feel free to contact me at 803-376-5390 if you need any additional information or if you have any questions. Thank you for your time and interest in this matter.

Sincerely,

Benjamin J. Mauldin
Executive Director

cc: John Andoh
Reginald Simmons



RESOLUTION

RESOLUTION OF THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS BOARD OF DIRECTORS AUTHORIZING THE DISPOSAL OF FEDERAL INTEREST FROM TRANSIT FACILITIES FUNDED FROM FEDERAL GRANT SC-05-0011-00

WHEREAS, the Central Midlands Council of Governments is the designated recipient of Section 5307 funds for the Columbia Urbanized Area; and,

WHEREAS, the Central Midlands Council of Governments received a grant award and is the federal grantee of Federal Grant SC-05-0011 which was awarded by the Federal Transit Administration on September 29, 1985; and,

WHEREAS, Federal Grant SC-05-0011-00 provided Federal Transit Administration funds to assist in the construction of the transit facilities located at 1745 Sumter Street and 1220/1240 Assembly Street; and,

WHEREAS, the Assembly Street facility was built in 1996 and had an initial value of \$66,564; and,

WHEREAS, the Sumter Street facility was built in 1996 and had an initial value of \$161,361 excluding the land that was previously owned by the city; and,

WHEREAS, the current appraised value of the Assembly Street facility is \$0.00 based on an appraisal conducted by Property Solutions, LLC on July 15, 2019 and the facility has been inactive since August 2015; and,

WHEREAS, the current appraised value of Sumter Street facility is \$126,221 based on an appraisal conducted by Property Solutions, LLC on July 15, 2019 and the facility is currently used as a transit center, but the City of Columbia and the Central Midlands Regional Transit Authority are exploring other transit center options; and,

WHEREAS, the City of Columbia and the Central Midlands Regional Transit Authority have requested to dispose of the federal interest remaining in the useful life of these facilities in order to remove the Assembly Street facility and explore other transit center options with Sumter Street facility.

NOW, THEREFORE, BE IT RESOLVED BY THE CENTRAL MIDLANDS COUNCIL OF GOVERNMENTS:

1. The City of Columbia and the Central Midlands Regional Transit Authority have both agreed to support the disposal of the federal interest in the transit facilities located at 1220/1240 Assembly Street and 1745 Sumter Street; and,
2. The Central Midlands Regional Transit Authority Board of Directors has accepted the remaining federal interest in the Assembly Street facility located at 1220/1240 Assembly Street and the Sumter Street facility located at 1745 Sumter Street; and,
3. The Central Midlands Regional Transit Authority intends to transfer the remaining federal interest into Federal Grant SC-2019-013 in accordance and compliance with Federal Transit Administration requirements.

CERTIFICATION

THE UNDERSIGNED is the duly qualified Chairman of the Central Midlands Council of Governments, and hereby certify that the foregoing is a true and correct copy of a resolution adopted at an open meeting of the Central Midlands Council of Governments held on December 12, 2019.

Steve MacDougall, Chairman
Central Midlands Council of Governments

Benjamin J. Mauldin, Executive Director
Central Midlands Council of Governments

Witness

Witness



Office of the City Attorney
Post Office Box 667 • Columbia, SC 29202 • (803) 737-4242 • Fax (803) 737-4250

November 7, 2019

Mr. Reginald Simmons
Deputy Executive Director/ Director of Transportation
Central Midlands Council of Governments
236 Stoneridge Drive
Columbia, SC, 29219

Re: Federal Interest in Assembly Street and Sumter Street Bus Facilities

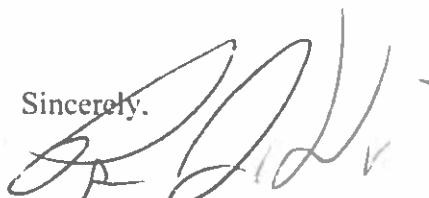
Dear Mr. Simmons:

This letter is to formally request that the Central Midlands Council of Governments (CMCOG) dispose of the federal interest in both the Assembly Street and Sumter Street bus facilities, for which an FTA grant was used for the facilities' construction. The Assembly Street facility was built in 1996 and had an initial value of \$66,564. The Sumter Street facility had an initial value, in 1996, of \$161,361, excluding the land that was already owned by the City of Columbia. The current appraised value of the Assembly Street facility is \$0, and the current appraised value of the Sumter Street facility is \$126,221.

The downtown area and transportation services have changed significantly since the facilities were built in the 1990's. The Assembly Street facility has been inactive since August 2015, and while the City and the Central Midlands Regional Transport Authority are still utilizing the Sumter Street facility as a transit center, other transit center options are being explored.

Thank you for your support in enhancing the City and the region's transportation system and your support in this process.

Sincerely,



Patrick L. Wright
Senior Assistant City Attorney

cc: Clinch H. Belser, Jr., Attorney for Central Midlands Council of Governments
John Andoh, Central Midlands Regional Transport Authority (COMET)
Frannie Heizer, Attorney for Central Midlands Regional Transport Authority (COMET)



November 8, 2019

Reginald Simmons
Deputy Executive Director/Transportation Director
Central Midlands Council of Governments
236 Stoneridge Drive
Columbia, SC 29210

Re: Disposal of Assembly Street and Sumter Street Transit Centers

Dear Mr. Simmons,

The Central Midlands Regional Transit Authority (The COMET) is requesting that the Central Midlands Council of Governments (CMCOG) start the process to dispose of the Assembly Street Bus Shelter and Sumter Street Transit Center per Federal Transit Administration (FTA) requirements in Circular 5010.1B (as amended). We understand that these facilities have a useful life of 30 years and that per the attached spreadsheet shows the remaining interest for both facilities. The grant number is SC-06-0011-00. Upon CMCOG and FTA's approval, The COMET anticipates transferring this interest to purchase additional bus shelters to grant number SC-2019-013, a Section 5339 grant.

A resolution to accept the interest will come from The COMET Board of Directors once CMCOG takes action regarding the disposal of these facilities.

Should you have any questions regarding this letter, please contact me at (803) 255-7087 or email me at john.andoh@catchthecomet.org.

Sincerely,

A handwritten signature in black ink, appearing to read "John C. Andoh".

John C. Andoh, CCTM
Executive Director/CEO

Central Midlands Regional Transit Authority
3613 Lucius Road, Columbia, SC 29201
P 803 255 7133 F 803 255 7113
CATCHTHECOMETSC.GOV
Gleaton
info@TheCOMETSC.gov

John Andoh, CCTM, CPM Executive Director/CEO
Ron Anderson, Chair, John V. Furgess, Sr, Vice Chair
Andy Smith, Secretary, Dr. Robert Morris, Treasurer
Board Members: Jacqueline Boulware, Lill Mood, Carolyn

Leon Howard, Derrick Huggins, Colonel (R) Roger Leaks Jr.,
Joyce Dickerson, Skip Jenkins, Debbie Summers, Bobby Horton,
Kevin Reeley, Geraldine Robinson, B.J. Unthank



Resolution 19-03

RESOLUTION OF THE CENTRAL MIDLANDS REGIONAL TRANSIT AUTHORITY BOARD OF DIRECTORS AUTHORIZING THE RECEIPT OF FEDERAL INTEREST FROM THE CITY OF COLUMBIA TRANSIT FACILITIES PROJECT IN GRANT NUMBER SC-05-0011-00

WHEREAS: The Central Midlands Regional Transit Authority (The COMET) was created to assume the administration, operations and maintenance of public transit services in Richland and Lexington Counties in 2002, which provides for the safe, economical and efficient transportation of local residents, and

WHEREAS: Central Midlands Council of Governments (CMCOG), which is a Federal Transit Administration (FTA) grantee and designated receipting, have agreed that the Assembly Street Bus Shelter located at 1240 Assembly Street, Columbia and the Laurel & Sumter Transit Center located at 1745 Sumter Street, Columbia are no longer required by them, and

WHEREAS: The COMET had applied to the FTA to become a grantee and that The COMET had demonstrated the financial, legal, and technical capacity to become a FTA grantee, and

WHEREAS: The COMET intends to accept the "offset" of the Federal Interest from the City of Columbia Transit Facilities for the continued construction and implementation of additional passenger amenities throughout the service area in grant number SC-2019-013

WHEREAS: FTA Circular 5010.1B, (as amended) identifies the requirements for disposal of facilities no longer in transit use and to transfer the remaining Federal interest from grantee to grantee.

NOW, THEREFORE, BE IT RESOLVED, that The COMET Board of Directors accept the remaining Federal interest in the Assembly Street Bus Shelter located at 1240 Assembly Street, Columbia and the Laurel & Sumter Transit Center located at 1745 Sumter Street, Columbia and shall direct the Executive Director/CEO to facilitate the acceptance of the Federal interest from these properties; and,

BE IT FURTHER RESOLVED, that The COMET agrees that the remaining Federal interest shall be transferred to another active FTA grant to realize the Federal interest in any new projects that The COMET pursues. The COMET intends to apply the remaining Federal interest into grant number SC-2019-013 and those passenger amenities constructed with that Federal interest will be maintained in accordance and in compliance with FTA requirements and that the assets will be included in its property inventory records.

#####

CERTIFICATION

THE UNDERSIGNED are the duly elected Chairman of the Board of Directors and hereby certify that the foregoing is a true and correct copy of a resolution adopted at a meeting of the Central Midlands Regional Transit Authority held on May 22, 2019.

DATED: May 22, 2019

ROLL CALL:

AYES: Anderson, Furgess, Morris, Smith, Huggins, Mood, Dickerson, Boulware, Howard, Leaks, Gleaton.

NOES: None.

ABSENT: None.



Ron Anderson, Chair

ATTEST:



Andy Smith
Secretary of the Board of Directors

John C. Andoh
Executive Director/CEO

Depreciation Schedule - Remaining Federal Interest

Year	Original Cost	FTA Share 89%	Local Share 20%	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Used Value as of July 2015
Lauri Street	\$ 416,117.00	\$ 364,893.60	\$ 91,223.40	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	
Assembly Street	\$ 238,883.00	\$ 189,506.40	\$ 47,376.60	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 126,337.60
Lauri Change Orders	\$ 50,966.00	\$ 40,772.80	\$ 10,193.20	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	
Total	\$ 743,966.00	\$ 595,172.80	\$ 148,793.20																					
Year	2016	2017	2018	2019	Used Value of November 2019	2020	2021	2022	2023	2024	2025	Value (2015 for Assembly, 2019 for 1996)	Appraised Value 8-1-1996											
Lauri Street	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 291,914.88	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 12,163.12	\$ 72,978.72	\$ 161,361.00											
Assembly Street	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88		\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 6,316.88	\$ 63,168.80	\$ 66,564.00											
Lauri Change Orders	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 32,618.24	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 1,359.09	\$ 8,154.56	\$											
												Total	\$ 144,302.08	\$ 227,925.00										

*Calculation from December 1996, date of opening for both Assembly Street closed sometime between July and August of 2015



DATE: December 4, 2019
TO: CMCOG Board of Directors
FROM: Benjamin J. Mauldin, Executive Director
SUBJECT: Executive Director's Report

1. **2019 SCARC ANNUAL CONFERENCE**

CMCOG was well represented at the 53rd annual South Carolina Association of Regional Councils (SCARC) meeting in Myrtle Beach on the Sunday and Monday before Thanksgiving. Several CMCOG board members, including Vina Abrams, Roger Gaddy, Zebbie Goudelock, Charles Simpkins, Joyce Dickerson and Paul Livingston represented the COG.

The theme of the conference, *Together, Towards, Tomorrow*, received excellent feedback. There were more than 300 attendees, representing all ten of the Councils of Governments in the State. The combination of elected officials, business leaders, and combination of COG staff made for a unique opportunity for COG boards to network and share ideas and solutions to regional problems.

The SC COG Directors meet regularly with top State agency officials as part of our business development strategy. We market the 10 COGS as a statewide network that can deliver seamless, high quality state-wide plans and services. Developing and maintain these good working relationships has benefited our organization and the other SC COGs. The ten (10) COG directors presented a new branding initiative that will be used in the future to show the strength of all 10 Councils of Governments working together statewide to positively influence quality of life and economic development in South Carolina.

We would also like to thank the CMCOG Board members that were able to attend and for their support.



2. **AWARDS AND HONORS**

Honorable Mentions: CMCOG received Honorable Mentions for the following projects at the 2019 SCARC Annual Conference in November: Chapin, Swansea and Batesburg-Leesville- Bicycle and Pedestrian Master Plan, Blythewood-Traffic Improvement Area Plan and Midlands River Coalition.

Serving Local Governments in South Carolina's Midlands



3. **CDBG FALL FUNDING CYCLE:** Two CMCOG communities were awarded CDBG funding through the SC Department of Commerce fall application cycle. The City of Newberry was awarded a \$475,000 Community Enrichment grant to demolish 47 vacant and dilapidated residential structures in the West End neighborhood.

Fairfield County was awarded a \$487,568 Neighborhood Revitalization grant to demolish 40 vacant and dilapidated residential structures, install new lighting and signage, and make minor improvements to a residential park, in the Zion Hill/Fortune Springs Park area of Winnsboro. Both communities will provide the required 10% local match for the projects.

4. **CENSUS 2020:** We have included additional information for you regarding the upcoming decennial census. Please continue to share the importance of an accurate census with your contacts and constituents. We all will benefit from a complete and accurate count.
5. **HAPPY HOLLIDAYS:** The CMCOG staff held their annual Christmas luncheon on December 10th. Special thanks to the Holiday Party Committee – Jessica Foster, Jennifer Brewton, Jason Kent, Joe Perry, Kenley Longshore, Jessica Kelly and Myra Hamilton.

We also want to wish all the Central Midlands Board Members and CMCOG member governments Happy Holiday's and Happy New Year! Thank you for your continued support.

Serving Local Governments in South Carolina's Midlands

Adaptive Computerized Signalization System

Phase 1: Includes 19 of the 35 signal locations.

Phase 2: Includes 16 of the 35 signal locations.

Operations & Benefits

Locally

- Adapts to local traffic demand using digital technology
- Constantly measures the volume
- Detects the approaching and standing vehicle using cameras
- Develops the most efficient way to move traffic using a "greedy" algorithm.
- Focuses on minimizing the delay or wait time
- Serves minor streets during "gaps" in major streets

Globally

- Considers the amount of travel time needed between signals
- Coordinates with signals downstream the volume of traffic in queue
- Creates "green tunnels"
- Optimizes the traffic corridor to experience as few stops as possible
- Serves left turns (only when needed) at beginning or end of the green tunnel
- Serves minor streets during gaps on major street traffic

Benefits

- Eliminates constraints on current signal operations and timing
- Improves travel time
- Operates signal "intelligently"
- Reduces accidents
- Reduces fuel consumption and emissions

Phase 1 Intersections	Phase 2 Intersections
US-378 Sunset Boulevard at Lott Court	US-378 Sunset Boulevard at Lexington Pavilion
US-378 Sunset Boulevard at Leaphart Road	US-378 Sunset Boulevard at S-28 Hope Ferry Road / Tom Corley Road
US-378 Sunset Boulevard at Cromer Road / Davega Road	US-378 Sunset Boulevard at S-106 Mineral Springs Road
US-378 Sunset Boulevard at I-20 East Bound Ramp	US-378 Sunset Boulevard at Palmetto Park Boulevard
US-378 Sunset Boulevard at I-20 West Bound Ramp	US-378 Sunset Boulevard at Whiteford Way / Lowes
US-378 Sunset Boulevard at S-68 Corley Mill Road / Ginny Lane	US-378 Sunset Boulevard at Scotland Drive / Kohl's
US-378 Sunset Boulevard at Northside Boulevard	US-378 Sunset Boulevard at S-485 Old Cherokee Road / Mallard Lakes Drive
US-378 Sunset Boulevard at SC-6 North Lake Drive	US-378 Sunset Boulevard at Wal-Mart
US-378 Columbia Avenue at S-392 Northwood Drive	US-378 Sunset Boulevard at Coventry Drive / Home Depot
US-378 Columbia Avenue at Dreher Street / SC-6 North Lake Drive	US-378 Sunset Boulevard at S-121 Berley Street
US-378 Columbia Avenue at S-678 Reed Street / S-138 West Butler Road	US-1/US-378 West Main Street at K-Mart / Lexington Medical Center
US-378 Columbia Avenue at S-52 Old Chapin Road / US-1 Main Street	US-1/US-378 West Main Street at S-1378 Gibson Road
US-1/US378 West Main Street at S-127 Park Road	US-1 West Main Street at S-77 Barr Road
US-1 Main Street at SC-91 Church Street	US-1 Main Street at S-61 Harmon Street
US-1 Main Street at SC-6 South Lake Drive	US-1 Augusta Highway at Library Hill Lane
SC-6 North Lake Drive at S-485 Old Cherokee Road	US-1 Augusta Highway at S-167 Cedarcrest Drive
SC-6 North Lake Drive at S-32-408 Pilgrim Church Road	

Phase 1 Intersections	Phase 2 Intersections
SC-6 North Lake Drive at S-32-738 Andrew Corley Road	
SC-6 North Lake Drive at Corley Mill Road	

The In|Sync Model

The **In|Sync** system delivers **40% more effectiveness** and performance measures than any existing system that optimizes traffic signal coordination. This fact has been proven by over three dozen independent validation studies.

These improvements can be attributed to the three distinct modules that seamlessly work together inside the **In|Sync** model.



Module #1: Digitize Traffic Signal Operations

All other existing traffic signal synchronization methodologies work off of the concept of common cycle lengths. A cycle length is an emulation of the dial in an electromechanical controller and therefore analog in nature.

The two major issues with common cycle lengths are that:

1. Vehicles have to wait on the side streets even when there is no one on the main street.
2. Signal transition. This happens when a signal skips phases and is in a state of chaos as it changes timing plans or after a signal preemption.

In|Sync does not use common cycles.

Unlike all other existing traffic-signal models, it uses the concept of **states**.



Examples of states
(phase pairs)

Example of a sequence

A state is a pair of concurrent phases that can be green simultaneously without conflict. **In|Sync** differs from the sequential and set nature of phases in a cycle, because it can invoke any state as and when needed.

The difference is very much like the difference between the **old TV channel selector** and **the modern remote control**. With the old, you had to click your way sequentially through each channel before you could select the channel you wanted. With the modern remote control, you can directly select the channel you want by typing its number.



Electromechanical
controller



The benefit of having a digital architecture is that green time is not wasted serving empty phases and there is no transition between timing plans.



In|Sync processor, a digital state machine

Module #2: Local Optimization

In|Sync uses a rule-based Artificial Intelligence (AI) algorithm to compute real-time green durations to vehicle demand at each local intersection.

In|Sync knows the duration of wait times for every vehicle near the stop bar and the queue length for every lane. This information is collected **every second in real-time**. **In|Sync allocates a token** for every unique car that joins the queue. An additional token is given to each car that waits every 5 seconds.

The Greedy Algorithm changes the traffic signal light status to minimize the number of tokens issued. Thus, the local optimizer considers the number of cars waiting (real-time demand) and how long they have been waiting (delay).

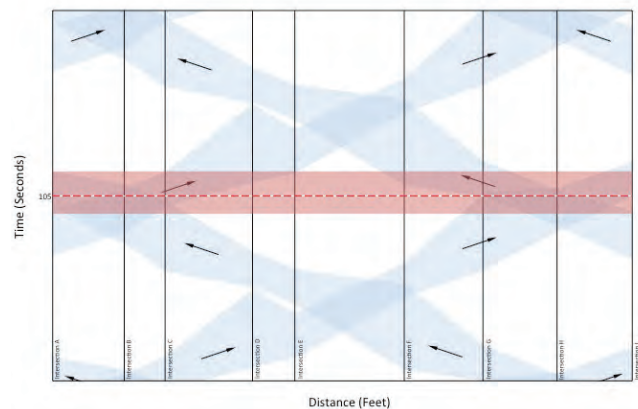
This patented algorithm does not use out-dated Webster-equation based modeling and is proven to produce unparalleled results in the field.



Module #3: Global Optimization

In|Sync guarantees coordination between traffic signals (even unevenly spaced traffic signals) without increasing side street delay using a concept called “**Time Tunnels**.”

Time tunnels are created throughout the corridor (or grid network) with the slope of the tunnel indicating the speed of travel between traffic signals.



The scheduling of green for the coordinated phases are the top priority for the **In|Sync** model. The coordinated phases are guaranteed to be green along the speed line and all other movements are scheduled around this.

The **point of initiation of green** for the coordinated phases are the **only fixed points** in the signal operation and all other points in time are **floating**. The tunnels can have variable duration based on demand or can be programmed to have a minimum green duration.

The tunnels can be truncated based on demand, the green durations for various phases are based on the Greedy Algorithm, and the time-between-tunnels can vary as well. All of these processes happen in **real-time**.

In|Sync Model Captured in One Sentence

The In|Sync model gives you the power to turn your coordinated movements green when you want them to be green and the rest of the time the signal operates in free/actuated mode (with the local optimizer running the Greedy Algorithm).

Benefits of In|Sync



1

Proven to reduce crashes by 15%-30%^{5, 12, 13, 20}

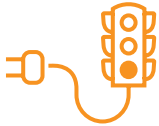
Multiple independent validation studies have proven that **In|Sync** reduces crashes significantly through the corridor. The studies show that angular crashes as well as rear-end crashes are reduced.



2

Proven to reduce delay by 73%²⁻²¹

Studies have proven that **In|Sync** significantly decreases main street delay by enhancing progression and reduces side street delay by reducing the wait times and queues (Local Optimizer).



3

In|Sync is compatible with all existing hardware (cabinets and controllers) and software (central system software)

In|Sync is highly versatile and can be configured for any controller or cabinet available on the market.



4

Vehicle emissions and fuel consumption reduce by 34%²⁻²¹

The impact to the environment and reliance on fossil fuels are immediate and impressive. Agencies that are combating air pollution are deploying **In|Sync** as a solution to improving air quality.



5

Proven to reduce vehicle stops by 80%²⁻²¹

In|Sync's Global Optimizer creates guaranteed time tunnels between traffic signals. The digital architecture is capable of creating unparalleled progression between traffic signals.



6

In|Sync does not require installation of additional vehicle detectors

In|Sync comes with its own vehicle detection and data collection system. It is a complete package without the need for installing additional detection devices.



7

In|Sync is the ONLY real-time adaptive traffic signal system in the market^{1, 16}

In|Sync provides real-time analysis and operations. Its dynamic optimization algorithms serve traffic based on real-time demand and delay analysis. Thus **In|Sync** makes adjustments to green splits, sequences and time between tunnels, instantly.



8

Proven to consume the least amount of human intervention and staff time¹⁶

The adoption rate of **In|Sync** in the USA proves this point. Agencies without sufficient and dedicated staffing for traffic signal operations select **In|Sync** to manage their traffic signal operations.



9

24/7/365 remote support directly from the manufacturer of the technology in the USA

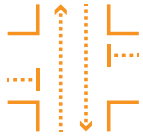
Help is just a phone call away and when you need it.



10

Transition between timing plan changes and after preemptions are eliminated

This is one of the benefits of the digital architecture. With **In|Sync** wasted green times are a thing of the past.



11

Vehicles do not wait on side streets when there is no demand on the main street

In|Sync's digital architecture does not waste time by providing green to traffic movements without demand. This game-changing (Local Optimizer) technology is used daily in controlling traffic in some of the most congested intersections in the USA.



12

Proven to have the least amount of down time compared to other similar systems¹⁶

99% of **In|Sync** systems that have been sold are operational. The extensive failure mitigation systems keep your corridor operational. **In|Sync** can effectively mitigate detection, communication and hardware failures.



13

Progression is guaranteed between signals even when the traffic signals are unevenly spaced

In|Sync's patented Global Optimizer guarantees efficient progression between systems. The longest system is 9 miles long, 26 traffic signals on a roadway that spans 2 cities, 2 counties and 2 states.



14

In|Sync is a product and not a project

Deploying **In|Sync** is like installing a detection system. Once installed, the adaptive operation can be fully turned on in as little as 2 weeks. The process is so painless that Rhythm engineers are turning on 1 corridor somewhere in the USA every single week.

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14. Nichols, A. P. (2012). *Travel Time Evaluation of Teays Valley In|Sync Deployment*. Rahall Transportation Institute Marshall University

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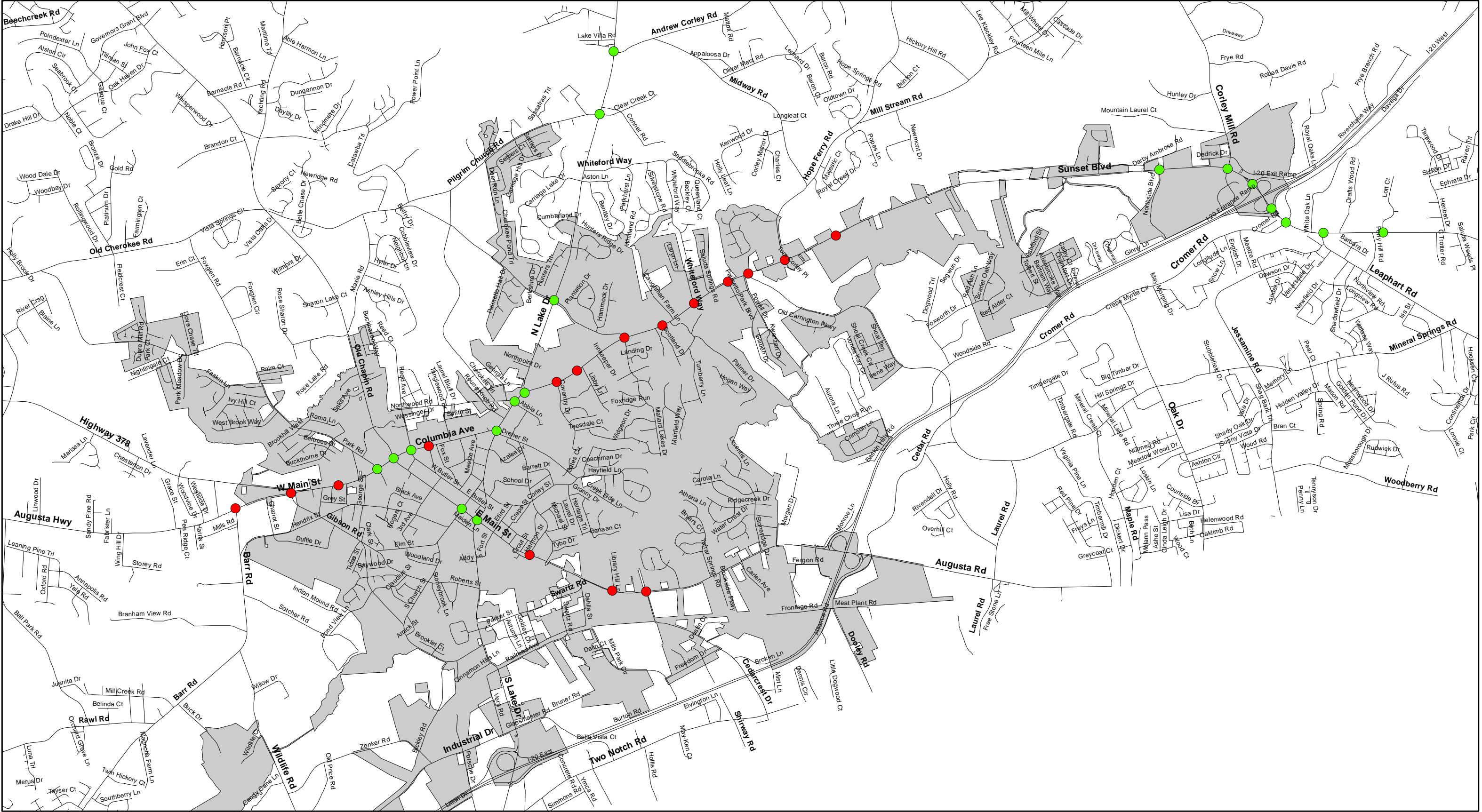
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18. Stevanovic, A., & Zlatkovic, M. (2012). *Comparative Evaluation of In|Sync and Time-Of-Day Signal Timing Plans Under Normal and Varied Traffic Conditions*. Florida Atlantic University

19. *10th Street Adaptive Signal Timing. Evaluation of In|Sync System Implementation*. (2012). Atkins

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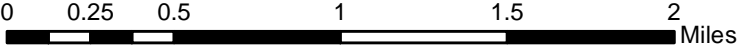
TRAFFIC SIGNAL

PHASE

- 1
- 2

TOWNLIMITS

Adaptive Traffic Signal Project



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