



**Kerr-Tar RPO TCC and TAC Meeting  
Kerr-Tar COG Offices Henderson**

Wednesday, March 8, 2017– 3:00PM – 5:00PM  
1724 Graham Avenue, Henderson, NC 27536

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**Pursuant to NCGS §138A-15 (e): ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER**

*Does any member have any known conflict of interest with respect to any matters coming before the board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.*

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**Please feel free to attend meeting in person or via Conference Call.**

**Conference Call Option:**

Phone #: 1-888-636-3807

Access Code: 7668349

- **Welcome Guests** – 3:00pm *TAC Chair, Commissioner Jimmy Clayton; TCC Chair, Barry Baker*
- **GUEST SPEAKER, Ms. Heather Brutz-NC Clean Energy Technology Center, NC State University**  
-Ms. Brutz will give us a 15-20 minute presentation on Clean Fuel Advanced Technology (CFAT) in North Carolina.
- **TCC / TAC Action Item** – *Receive and approve minutes of last meeting on December 14, 2016.*
  - December 14 meeting minutes enclosed as attachment.
- **TAC/TCC Updates-**
  - **SPOT 4.0/5.0 Update**-Ann Stroobant
  - **Comprehensive Transportation Plan (CTP) Study Priority List for FY 2017-2018**-Ann Stroobant
  - **Draft Planning Work Program (PWP) for FY 2017-2018**-(final version due on May 31, 2017)Ann Stroobant
  - **Revision to PWP for FY2016-2017**
  - **Draft 5 Year Planning Calendar**-Ann Stroobant
  - **Granville County CTP Update**-Ann Stroobant
  - **NC Lakes District Regional Bike Plan Update**-Ann Stroobant
  - **Legislative Update**-Ann Stroobant
  - **Ethics Update**-Ann Stroobant
  - **TAP Update**-Ann Stroobant, NCDOT Division 5
  - **CMAQ Update**-Ann Stroobant
- **TAC/TCC Action Item**-*Approve Resolutions Endorsing Candidate CMAQ Project Proposals*  
(These projects will utilize the KTRPO FFY 2018 Target Allocation of \$547,633. Projects will be reviewed by the CMAQ Subcommittee meeting on March 2, 2017)
- **NCDOT Reports** –*NCDOT Division 5 & NCDOT Transportation Planning Branch*
- **Other Business**
- **Public Comment**
- **Adjourn** – *Thank you for your participation!*

**2017 KTRPO Meeting Schedule (3- 5PM) – Major Meeting Items**

**Wednesday March 8, 2017 (this is the only meeting that is not on the same day as the COG Board)**

**Thursday May 25, 2017**

**Thursday August 24, 2017**

**Thursday November 30, 2017**



**Kerr-Tar Regional Transportation Planning  
TCC-TAC Meeting Minutes  
Wednesday December 14, 2016 (3:00PM - 5:00PM)  
Kerr-Tar Regional Council of Governments  
1724 Graham Avenue / Henderson, NC**

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**TAC Members**

Jimmy Clayton-Person Co. Commissioner, TAC Chair  
Sidney Dunston-Franklin Co. Commissioner, TAC Vice Chair  
Tony Cozart-Granville Co. Commissioner  
Henry Daniel-City of Roxboro  
Dan Brummitt-Vance Co. Commissioner  
Walter Gardner-Town of Warrenton  
Jim Crawford-NC DOT

**Guests**

Mr. Charles Edwards, Director of Logistics Strategy, NCDOT  
(our Guest Speaker)

**TCC Members**

Mike Ciriello- Person Co. Planning Dir.; TCC Chair  
Barry Baker-Granville Co. Planning Dir., TCC Vice Chair  
Kathy Adcock- PATS  
Tony King-Louisburg  
Cheryl Hart-City of Oxford  
Melissa Hodges-Butner  
Jessica Gladwin-Butner, Alt. for Tommy Marrow  
Justin Jorgensen-Granville County  
Ken Krulik- Warren Co. Planning Director  
Carroll Harris-Town of Macon  
Ken Bowman-Warren Co. EDC  
Leigh Woodall-Person County  
Corey Williams-Henderson  
Stuart Litvin-Vance-Henderson EDC  
Joey Hopkins-NCDOT Div. 5  
David Keilson- NCDOT Div. 5  
Michael Kelly-Planning Director, Kerr-Tar COG  
Ann Stroobant-KTRPO Regional Planner and KTRPO Secretary

**Welcome and the Review of Agenda**— 3:00pm *TAC Chair, Commissioner Jimmy Clayton; TCC Chair, Mike Ciriello*  
Mike Ciriello, TCC Chair and Commissioner Jimmy Clayton, TAC Chair opened the meeting, welcomed everyone and reviewed the agenda. Before approving the minutes of our last meeting on October 13, 2016, the TCC/TAC has as an action item the amendment of the TCC bylaws to include adding County Planning Directors and their alternates to the official membership roster. Two additional action items include nominating and approving a new TCC Chair and Vice Chair and approving a resolution to endorse a candidate CMAQ project proposal utilizing the reprogrammed funds from C-5610-A, Butner Creedmoor Greenway. TCC/TAC updates will be presented followed by a presentation from Mr. Charles Edwards, Director of Logistics Strategy at NCDOT giving a presentation on Freight Focused Developments in North Carolina.

**TAC/TCC ACTION ITEM: Amendment of the TCC Bylaws to add County Planning Directors and their alternates to the official membership roster**

Mike Ciriello, the current TCC Chair, introduced the item. He explained that the addition of the County Planning Directors to the TCC acknowledges the reality of KTRPO membership and does not impact quorum since it is based on active participation and inactive members do not count toward quorum. Inactive members with alternates who serve as active members may elect to choose new alternates. Barry Baker made a motion for the TCC to amend the TCC bylaws as indicated. Ken Krulik seconded the motion for the TCC. The motion passed unanimously. Commissioner Jimmy Clayton introduced the motion for the TAC. Commissioner Dan Brummit moved to approve the motion, seconded by Commissioner Tony Cozart. The motion was unanimously approved by the TAC.

**TAC/TCC ACTION ITEM: Nominate new TCC Chair and Vice Chair with nominations guided by current TCC Chair**

Mike Ciriello, the current TCC Chair, opened the floor for nominations. Justin Jorgensen nominated Barry Baker to be Chair of the TCC, which was seconded by Stuart Litvin. The motion passed unanimously and was referred to the TAC. Commissioner Jimmy Clayton introduced the item to the TAC. Commissioner Dan Brummit moved to approve Barry Baker as TCC Chair, seconded by Commissioner Sidney Dunston. The motion passed unanimously and Barry Baker is the new TCC Chair.

The floor was opened for nominations for TCC Vice Chair. Ken Krulik was nominated for Vice Chair by Justin Jorgensen and seconded by Stuart Litvin for the TCC. The motion passed and was referred to the TAC. Commissioner Jimmy Clayton introduced the item to the TAC. Commissioner Dan Brummit made a motion to approve Ken Krulik as TCC Vice Chair, seconded by Commissioner Sidney Dunston. The motion passed unanimously and Ken Krulik is the new TCC Vice Chair.

**TAC/TCC ACTION ITEM: Approve Minutes from the last meeting on October 13, 2016:**

Barry Baker, the new TCC Chair, introduced the approval of the October 13, 2016 minutes for the TCC. Ken Krulik made a motion to approve the minutes and Stuart Litvin seconded the motion for the TCC. The TCC unanimously approved the minutes. Commissioner Jimmy Clayton, TAC Chair, introduced the item for the TAC and Commissioner Sidney Dunston made the motion to approve the October 13, 2016 minutes as presented to the TAC members. Commissioner Dan Brummitt seconded the motion. The TAC members unanimously approved the October 13, 2016 minutes as presented.

**TAC/TCC Updates-**

**- SPOT 4.0 Update-**

-Ann Stroobant directed members to pages 11, 12, 13 and 14 of their packet which includes the Revised P4.0 Schedule of Key Dates and the new Prioritization P5.0 Schedule. The Draft 2018-20217 STIP will be released in January 2017. She stated that Kerr-Tar RPO has five Regional Impact Projects (three highway and two transit) resulting from this process-**H090247** [US 401-NC 39(Bickett Blvd), NC 56/581 (Nash St) to SR1229 (Main St.)Widen to multi-lanes], **H111010-B** (US 501 from NC 157 to Morehead St.-Replace 5 lane facility with 4 lane facility), **H111010-C** (US 501 from Morehead St to NC 49/ North St- Replace 5 lane facility with 4 lane facility), **T130114** (KARTS Expansion Vehicle), and **T130115**(KARTS Expansion Vehicle), as seen on page 11 of the packet. The TAC/TCC approved KTRPO Division Needs Local Points Assignment was submitted to the SPOT Office on October 20 by the October 31, 2016 deadline. The NCDOT Division Needs Projects were just released

by the SPOT Office on December 13, 2016 and four of the KTRPO Division Local Points Assignment projects scored well. These were **H140487-C** (Realign West Lyon Station Rd. at NC-56 Intersection), **H111010-A** (US 501 from Weeks Dr. to NC 157), **A130319** (Person Co. Executive Airport), and **H111053** (US 401-Replace 5 lane with 4-lane facility from E. Nash St. to Burke Blvd.). These projects along with additional details can be seen on the Kerr-Tar Division Projects Local Points Assignment table on page 12 of the packet. **H140487-C** (Realign West Lyon Station Road at NC-56 Intersection) received a higher Division score because of the local contribution.

Joey Hopkins, Division 5 Engineer, made the observation that if a project had right of way or construction scheduled by 2020, it would not have to be reprioritized. If it was scheduled on 2022 or after, the project would have to be rescored.

David Keilson, Division 5 Planning Engineer, pointed out that the Division 5 DE Methodology Rankings Final Division Point Assignments placed points on the road widening project **H090195-D** [US 401 from SR1103(Flat Rock Church Rd/ Clifton Pond Rd) to SR1700(Fox Park Rd at Louisburg)] instead of the **H140496**, which is the modernization project for the same area. This was a change from the previous P4.0 Division 5 DE Methodology Rankings mentioned at the October 13, 2016 TAC/TCC meeting.

- **Comprehensive Transportation Plan (CTP) Study Priority List for FY 2017-2018-**

The two oldest Comprehensive Transportation Plans (CTPs) in Kerr-Tar RPO are Granville County (2008) and Warren County (2010). NCDOT is currently working on the Granville County CTP update with staff from Granville County, CAMPO and Kerr-Tar RPO. Ann Stroobant indicated that the CTP Study Priority List for FY 2017-2018 would include the update for the Warren County CTP, as it is the next oldest CTP after Granville County. She does not know at this time if Granville County will be completed by next year or if Warren County will be approved as the next county for an update. Mayor Walter Gardner of Warrenton stated that he would like to be notified if we get the go ahead for the Warren County CTP update.

- **Suggestions for Planning Work Program (PWP) for FY 2017-2018-**Ann Stroobant suggested possible work program items for FY 2017-2018 such as a continuation of the Granville County CTP Update and Community Understanding Report, a possible Warren County CTP update if the NCDOT Transportation Planning Branch makes the decision to move forward, continuation of the Madison Boulevard Visualization/Study, continuation of the Henderson NC 39/I85 Uptown Gateway Corridor Study which will be started this year and be carried forward, an update of the Locally Coordinated Plan (to be updated every five years), as well as a possible pedestrian plan (possibly Norlina or another town without a pedestrian plan where the CTP update is proposed).

- **Granville County CTP Update-**Ann Stroobant said that over 200 responses have come back from the Granville County CTP survey by the November deadline. The survey results are being evaluated and analyzed by the NCDOT Transportation Planning Branch. Justin Jorgensen added that one of the most interesting questions involved asking the respondents how they would allocate \$100 if given the choice to choose from a list of various transportation options. Large numbers of respondents gave safety, maintenance and bicycle and pedestrian accommodations high priority in their \$100 theoretical allocation. The survey responses will help guide the CTP process and help us move forward. The last Granville County CTP meeting was on December 6, 2017 at the Granville Expo.

**-NC Lakes District Regional Bike Plan Update-**Ann Stroobant informed members that staff were continuing with outreach and marketing efforts for the plan. Staff have given presentations and obtained resolutions for adoption from the TAC/TCC on October 13, 2016, the Kerr-Tar COG on October 27, 2016 and Vance County Board of Commissioners on December 5, 2016. Future presentations will be made to the Granville County GTC, GAC and Parks and Recreation Committees in order to put the plan forward for adoption at the Granville County Board of Commissioners meeting on February 6, 2017. Staff have also scheduled future presentations to Franklin County, Warren County and Person County with the goal of having each County Board of Commissioners adopt the NC Lakes District Regional Bike Plan in all five of our counties.

**- Ethics Update-**

Ann Stroobant drew members' attention to the NC Ethics Commission Holiday Newsletter on page 16 of the packet concerning accepting holiday gifts and gift giving. She also reminded TAC members that their SEI and RED forms are due to the NC Ethics Commission by April 15, 2017.

**- CMAQ Update**

Leigh Woodall asked if there was any money left over from the Chub Lake CMAQ Project. Mike Ciriello said that the project had been well received and that the funding was used. Mike will also check with his CMAQ contacts and get back to Mr. Woodall. Ann Stroobant referred members to the CMAQ funding schedule on page 19 of their packet and to the Kerr-Tar CMAQ allocations on page 20 of their packet. The completed Kerr-Tar RPO CMAQ FFY18 applications are to be submitted to Ann Stroobant by February 23, 2017. The completed Kerr-Tar applications will then be reviewed by our CMAQ Subcommittee for the TAC/TCC to approve a Resolution to Endorse our candidate projects at the upcoming meeting on March 8, 2017. The project applications will then be submitted by staff to the NCDOT CMAQ site by the March 15, 2017 deadline. Kerr-Tar RPO CMAQ funding for FFY18 is \$547,633 and for FFY19 is \$557,658. Our next action item will be to approve a Resolution to Endorse reprogrammed funds from C-5610A, Butner Creedmoor Greenway.

**TAC/TCC Action Item-Approve Resolution Endorsing Candidate CMAQ Project Proposal**

(This project will utilize reprogrammed funds from C-5610A, Butner Creedmoor Greenway that was unable to proceed at this time.)

Completed project applications in our files that were not able to be included in the previous round of CMAQ were updated and resubmitted from Oxford and Louisburg for reprogrammed CMAQ funds totaling \$270,430 for the canceled Butner to Creedmoor Greenway (project C-5610A). The funds needed to be reprogrammed in 90 days or the funding will be lost. These two projects were submitted by the deadline of November 15, 2016 with Letters of Commitment for a 20% match. The CMAQ Subcommittee met on December 5, 2016, composed of a representative from each of the non-attainment counties of Franklin, Granville and Person that qualify for CMAQ funding plus the Kerr-Tar RPO Coordinator and the Kerr-Tar Planning Director. The projects were prioritized and Louisburg North Main Street and Smoketree Way scored the highest. The Louisburg application is on page 28 of the packet.

Barry Baker introduced the Resolution to Endorse the Louisburg project application at North Main Street and Smoketree Way for the TCC. Justin Jorgensen made a motion to approve the resolution, seconded by Mike

Ciriello of the TCC. The motion passed unanimously. The motion was referred up to the TAC. Commissioner Jimmy Clayton introduced the Resolution to Endorse the Louisburg project application at North Main Street and Smoketree Way and to authorize him to sign the resolution for the TAC. Commissioner Sidney Dunston made a motion to approve, seconded by Commissioner Dan Brummitt of the TAC. The motion passed unanimously. The reprogrammed funding originally for project C-5610A has been approved for the Louisburg project at North Main Street and Smoketree Way and Commissioner Jimmy Clayton will sign the resolution as TAC Chair.

#### **NCDOT Reports –NCDOT Division 5 & NCDOT Transportation Planning Branch**

- **NCDOT Division 5-** David Keilson updated members on the I-85 paving project. The project is 20 miles long, focusing work on one five mile section at a time. The project is scheduled for completion in 2020. The next traffic shift will occur in January 2017. There are two sections in this area: Dabney Drive to north of US 1 Interchange and from the Warren County line going north. There will be a number of ramp closures and press releases will inform everyone. The closures will typically be for 60 days. Construction will take place between mile marker 233 at the Virginia State Line and Exit 213, US 158, in Henderson, Vance County.

Stuart Litvin asked if the maintenance along the interstate would also involve removals of shrub overgrowth and grass cutting. He is worried about how the approach looks going into Vance County. Joey Hopkins said that it has been hard to get the maintenance crew in because of the closures mentioned above. Dan Brummitt also said that mowing along the rural roads is a concern because it is a safety issue and mowers also scatter garbage as the blades cut everything into small pieces. Joey Hopkins asked for Commissioner Brummitt to send him photographs so the he could look at the issue.

- **NCDOT Transportation Planning Branch-no update**

#### **GUEST SPEAKER, Mr. Charles Edwards, Director of Logistics Strategy at NCDOT-**

-Commissioner Jimmy Clayton, TAC Chair, introduced Mr. Charles Edwards, Director of Logistics Strategy at NCDOT. Mr. Edwards gave the TAC/TCC a presentation on Freight Focused Developments in North Carolina and spoke of the evolving freight logistics network. He touched on the new CSX rail hub in Rocky Mount. He said that railways such as Norfolk Southern are proposing to lease out short lines that will be local business drivers. This is part of a modal shift. Trucking was mentioned and that from a logistics perspective, I-40 and I-85 are freight corridors. The biggest industries in NC define the supply chain and are tobacco, textiles, household goods and furniture. Mr. Edwards said that NC must optimize what we have and then protect and enhance it.

**Other Business-**Commissioner Jimmy Clayton recognized Jim Crawford and Joey Hopkins for their efforts in helping to dedicate a portion of US Highway 158 East that was named in honor of Jesse Lunsford, a Person County citizen, for his service and bravery in WWI, which had gone unrecognized for many years.

Mike Ciriello was recognized for his years of service, most recently as the Person County Planning Director and previously as Planning Director at Kerr-Tar. Commissioner Clayton also recognized his valuable work on transportation projects in the Kerr-Tar area.

Mayor Walter Gardner asked Joey Hopkins about TAP funding and the ADA ramps. Joey says that the initial review is complete and the project will next be reviewed by the historical architecture section. Joey does not have a timeline for this yet. There were about 5,000 submittals for TAP funding.

Joey Hopkins said that there are potentially nine projects funded from this region in the Draft STIP. There are also a number of projects right outside our region such as Highway 50 and the I-85 corridor to the East End Connector. These are good projects and will be huge improvements that will help everyone.

Tony King asked Joey Hopkins about allowing cellular companies to be in the NCDOT right of way. The towers can be 70-100' tall. Joey Hopkins said that companies that provide communication can be in the right of way BUT they do need to meet the zoning requirement. Joey said that at this time because this is so new to the NCDOT, everything is going to their Utilities Unit in Raleigh to be reviewed. Barry Baker also expressed concerns about this situation as well. He said that local governments will have to deal with this emerging technology through their regulations.

**Public Comment**-none

### **Adjournment**

Barry Baker asked for a motion to adjourn for the TCC. Mike Ciriello made the motion to adjourn for the TCC which was seconded by Stuart Litvin. The motion passed unanimously. Commissioner Jimmy Clayton asked for a motion to adjourn for the TAC. Commissioner Sidney Dunston made the motion to adjourn for the TAC, which was seconded by Commissioner Dan Brummitt. The motion passed unanimously. The meeting was adjourned.

**The next Kerr-Tar RPO meeting is scheduled for Wednesday,  
March 8, 2017 from 3-5pm.**

#### SPOT P4.0 Update-

The NC Department of Transportation released the **Draft 2018-2027 State Transportation Improvement Program (STIP) on January 4, 2017**. You can access the Draft STIP at the following link:

<https://connect.ncdot.gov/projects/planning/STIPDocuments1/Draft%202017-2027%20STIP.pdf>

We are in Division 5 from pages 109-160.

- The press release with details describing the STIP process can be found at this link:  
<https://apps.ncdot.gov/newsreleases/details.aspx?r=13426>
- **Kerr-Tar RPO has a total of nine projects** in the Draft Division and Draft Regional Programmed Projects that made it into the **Draft 2018-2027 STIP. The description of these projects (in upper case letters) is what is included in the Draft 2018-2027 STIP.**  
These projects are:
  - **Franklin County**  
**H090247 (R-3608)-US 401-** NC 56 / NC 581 (NASH STREET) TO SR 1229 MAIN STREET). WIDEN TO MULTILANES. 2<sup>nd</sup> 5 years of Draft STIP.  
  
**H111053 (U-6024)-US 401-** BURKE BOULEVARD TO NC 56 / NC 581 (NASH STREET) IN LOUISBURG. CONVERT 5-LANE SECTION TO 4-LANE DIVIDED FACILITY WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS. 2<sup>nd</sup> 5 years of Draft STIP.
  - **Granville County**  
**H140487-C (U-6020)-NC 56-** SR 1215 (WEST LYON STATION ROAD) IN BUTNER. REALIGN INTERSECTION. 1<sup>st</sup> 5 years of Draft STIP.
  - **Person County**  
**H111010 (U-5969)-U S501-**There are A, B and C segments to this project; A- SOUTH OF US 158 TO NC 157; B- NC 157 TO SR 1596 (WEST MOREHEAD STREET); C- SR 1596 (WEST MOREHEAD STREET) TO SR 1601 (NORTH MAIN STREET). Total description: SOUTH OF US 158 TO SR 1601 (NORTH MAIN STREET) IN ROXBORO. CONVERT TO 4-LANE MEDIAN DIVIDED FACILITY, IMPROVE VARIOUS INTERSECTIONS WITH SOME CONSOLIDATION OF INTERSECTIONS, AND FILL IN SIDEWALK GAPS. ROW and Utility work in year 5 of 1<sup>st</sup> 5 years of Draft STIP, other work in 2<sup>nd</sup> 5 years of Draft STIP.  
  
**A130319 (AV-5818)-TDF-Person County Executive Airport-** EXTEND RUNWAY TO TOTAL LENGTH OF 7000 FT, CONSTRUCT TAXIWAY EXTENSION AND RELOCATE SR 1311 (CATES MILL ROAD). 1<sup>st</sup> 5 years of Draft STIP.



- **Vance County-Kerr Area Transportation Authority**  
**T130114 and T130115 (T-C003A and T-C003B)-Both are under the number TA-6667** in the Draft STIP- EXPANSION VEHICLES. There are two Light Transit Vehicles (LTV), A and B. 1<sup>st</sup> 5 years of Draft STIP.

**The NCDOT has released a web map which provides a visualization of all projects evaluated in Prioritization 4.0** for all transportation modes throughout North Carolina, including committed projects from the first five years of the NCDOT 2016-2025 STIP. Please click on this link to view the interactive map

<http://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=2b885d0f163b4c34a831c65010fd5703>

**Draft Regional Programmed Projects** are indicated in green and **Draft Division Programmed Projects** are indicated in gold. Projects that did not score high enough to receive funding are indicated in pink. **The Kerr-Tar RPO Draft Regional and Draft Division Programmed Projects in the Draft 2018-2017 STIP total in excess of \$65,000,000 for the region.**

**New Leader at NCDOT**-Governor Cooper has appointed Jim Trogdon to lead the N.C. Department of Transportation.

For more information, please click on the following link:

<https://apps.ncdot.gov/newsreleases/details.aspx?r=13421>

Franklin County

P4.0 Projects - Status for P5.0 - SUBJECT TO CHANGE based on Final 2018-2027 STIP

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
H090195-D	Highway	R-2814D	Regional Impact	US 401	SR 1103 (Flat Rock Church Road / Clifton Pond Road)	SR 1700 (Fox Park Road) at Louisburg	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 34,810,000	N/A	42.18	77.54	C	05	Capital Area MPO, Kerr-Tar RPO	Franklin	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090247	Highway	R-3608	Regional Impact	US 401 , NC 39	NC 56/581 (Nash Street) in in Louisburg	SR 1229 (Main Street)	US 401-NC 39 (Bickett Boulevard), NC 56/581 (Nash Street) to SR 1229 (Main Street). Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 6,897,000	N/A	74.32	N/A	C	05	Kerr-Tar RPO	Franklin	Carryover	Regional Impact	
H090813	Highway		Regional Impact	NC 56	Franklinton Bypass	US 401/NC 56 in Louisburg	Section B Widen NC 56 to Four Lanes from Franklinton Bypass to US 401/NC 56 in Louisburg.	1 - Widen Existing Roadway	\$ 48,730,000	N/A	32.71	25.41	C	05	Capital Area MPO, Kerr-Tar RPO	Franklin	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H111053	Highway	U-6024	Regional Impact	US 401	East Nash Street	Burke Boulevard	Replace 5-Lane Facility with 4-Lane Facility including Planted Median, Sidewalks and Bike Lane. the Objective is to Improve the Facility to Delay the Need For Another Bypass of Louisburg.	11 - Access Management	\$ 13,900,000	N/A	49.30	78.48	C	05	Kerr-Tar RPO	Franklin	Carryover	Division Needs	\$ -
H140496	Highway		Regional Impact	US 401	SR 1103 (Flat Rock Church Road / Clifton Pond Road)	SR 1700 (Fox Park Road) at Louisburg	Modernize Roadway (Similiar Moving Ahead Project)	16 - Modernize Roadway	\$ 6,139,000	N/A	36.78	53.98	C	05	Capital Area MPO, Kerr-Tar RPO	Franklin	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -

- **Committed projects** are defined as projects that are programmed for Right - of - Way or Construction in the first 5 years (2018 - 2022) in the Final 2018 - 2027 STIP.
- **Carryover projects** are defined as projects that automatically carry over from P4.0 for evaluation in P5.0.
- All **remaining projects** will be removed from the P5.0 database and **placed in the “Holding Tank” for potential re-submittal in P5.0.**

The spreadsheet is subject to change, and the final P5.0 Status will be based on the Final STIP, expected to be adopted in June(from Sarah Lee, SPOT Office 1/26/17).

# Granville County

## P4.0 Projects - Status for P5.0 - SUBJECT TO CHANGE based on Final 2018-2027 STIP

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
A130310	Aviation		Division Needs	HNZ - Oxford-Henderson			Construct a new 100' X 120' corporate hangar and associated apron. (includes Project Request Numbers: 2896 )	1900 - Hangars	\$ 576,000	N/A	N/A	24.34	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
A130311	Aviation		Division Needs	HNZ - Oxford-Henderson			Construct a new 50' x 60' corporate hangar, as well as apron, taxilane, and access road. (includes Project Request Numbers: 3067 )	1900 - Hangars	\$ 567,000	N/A	N/A	24.51	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
A150872	Aviation		Division Needs	HNZ - Oxford-Henderson			Construct a New Parallel Taxiway (Project Request Number 3462); Construct a new terminal area apron(Project Request Number 3463); Construct a new terminal building (Project Request Number 3464);Access Road and Parking for new terminal (Project Request Number 3465). Project includes Project Request Numbers: 3462,3463,3464,3465	1305 - General Aviation Terminal Building: New Construction	\$ 5,674,500	N/A	N/A	22.67	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090077	Highway	R-2257	Statewide Mobility	US 158 (Oxford Outer Loop)	US 158 Business West of Oxford	US 158 Business East of Oxford	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 50,526,000	30.45	24.89	18.61	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090387	Highway	U-3322	Division Needs	SR 1195 (Industry Drive), SR 1646	SR 1166 (Hillsboro Street)	NC 96 (Linden Avenue)	SR 1166 (Hillsboro Street) to NC 96 (Linden Avenue). Widen to Multi-Lanes, Some New Location.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 31,592,000	N/A	N/A	14.41	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090765	Highway		Regional Impact	US 15	US 158 (Oxford Outer Loop)	Chewning Road	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 28,441,000	N/A	37.59	28.09	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H140487-A	Highway		Regional Impact	NC 56	33rd Street	East of Butner Town Limit (as shown in NC 56 corridor study)	Widen to 4 lanes with a median	1 - Widen Existing Roadway	\$ 21,699,000	N/A	39.36	27.50	C	05	Capital Area MPO, Kerr-Tar RPO	Granville	Carryover	Did Not Score High Enough to Receive Funding	\$ -
H140487-C	Highway	U-6020	Regional Impact	NC 56	West Lyon Station Road		Realign West Lyon Station Road at NC-56 Intersection	21 - Realign Offset Intersections	\$ 2,369,000	N/A	51.82	79.47	C	05	Kerr-Tar RPO, Capital Area MPO	Granville	Committed	Division Needs	\$ -
H141323	Highway	U-5829	Division Needs	New Route	East Lyon Station	26th Street	Improve existing roadway and construct new overpass over I-85 and new roadway from overpass to 26th Street	6 - Widen Existing Roadway and Construct Part on New Location	\$ 20,300,000	N/A	N/A	18.05	C	05	Kerr-Tar RPO, Capital Area MPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H150761	Highway		Regional Impact	US 15	Belltown Rd., SR 1133	Industry Drive	Widen 1.5 miles of US-15 from Belltown Rd (near I-85 near Walmart in Oxford) to Industry Drive	1 - Widen Existing Roadway	\$ 16,654,000	N/A	28.88	22.41	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H150963	Highway		Division Needs	New Route	Gate 2 Road	New Road/Proposed project H141323	This project is a segment of former project H111042. Construct a new road adjacent to I-85 in accordance with the Butner Gateway Small Area Plan.	5 - Construct Roadway on New Location	\$ 12,997,000	N/A	N/A	19.33	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H150969	Highway		Division Needs	New Route	NC 56/West Lyon Station Road	New Road/Proposed project H141323	This project is a segment of former project H111042. Construct a new road adjacent to I-85 in accordance with the Butner Gateway Small Area Plan (the second segment is the project H150963).	5 - Construct Roadway on New Location	\$ 10,021,000	N/A	N/A	23.69	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H150970	Highway		Regional Impact	NC 96 BUS(Broad Street/Linden Ave)	Industry Drive	North of 3rd Street	Road Diet on NC 96 from Industry Drive to North of 3rd Street	1 - Widen Existing Roadway	\$ 2,364,000	N/A	51.31	52.06	C	05	Kerr-Tar RPO	Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -

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## Person County

### P4.0 Projects - Status for P5.0 - SUBJECT TO CHANGE based on Final 2018-2027 STIP

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
A130316	Aviation		Division Needs	TDF - Person County Executive			Expand existing 2,000 terminal building to +/-5,000 sq ft. Building was constructed in mid-1980s. Passenger levels are projected to increase ~40% over next 20 years and terminal needs to be expanded to accommodate increased activity at TDF. Expand terminal auto parking in conjunction with Project 2439 to expand terminal building. Expand 6in waterline from SR 1131 to terminal area. Associated with project 2439. Current terminal is served by well. (includes PRN: 2440/2439/2444 )	1315 - General Aviation Terminal Building: Construct Addition to Existing	\$ 1,700,820	N/A	N/A	24.03	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
A130318	Aviation		Division Needs	TDF - Person County Executive			Construct T-Hangar and Executive Hangar. All existing hangars at TDF are occupied. The Airport needs new hangars to support economic development. (includes Project Request Number: 3139)	1900 - Hangars	\$ 1,530,000	N/A	N/A	20.48	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
A130319	Aviation	AV-5818	Division Needs	TDF - Person County Executive			Extend runway to 7,000 ft. (Takeoff Length) (includes Project Request Numbers: 3140 ) (evaluated separately from A150869, but including A150869 bundled projects)	0500 - Runway Length/Width	\$ 10,107,000	N/A	N/A	89.23	C	05	Kerr-Tar RPO	Person	Committed	Division Needs	\$ -
A150869	Aviation	\$ -	Division Needs	TDF - Person County Executive			Extend runway 500' to 6,500 ft total length(takeoff length); includes former projects 2432 Environmental Assessment/Preliminary Engineering; 2429 Land acquisition Rwy 24; and 2433/2434 Runway 24 Safety Area Extension, Relocate SR 1131 & Relocate Localizer, 200' extension on Rwy 6 and 300' extension	0500 - Runway Length/Width	\$ 7,623,000	N/A	N/A	89.97	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	INCLUDED IN AV-5818 (A130319)
A150871	Aviation		Division Needs	TDF - Person County Executive			Strengthen Runway, Taxiway, and Apron Pavements to 90,000# for Critical Air Freight Aircraft. The runway, apron & majority of the taxiways were last overlaid in 2003; Taxiway A West and Taxiway H were constructed in 2007. The design strength for these pavements was 30,000# SWG, 68,000# DWG. The pavement PCI's range from 67 (Fair) on the runway, 74 (Satisfactory) on the taxiways, & 67 (Fair) on the apron. The airport currently has operations by aircraft in excess of the pavement design strength.	0605 - Pavement Strength - Runway	\$ 7,110,000	N/A	N/A	34.74	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090073-B	Highway	R-2241B	Regional Impact	US 501	SR 1521 (Halifax Road)	SR 1329 (Old NC 501)	Widen to Multi-Lanes, Part on New Location	6 - Widen Existing Roadway and Construct Part on New Location	\$ 42,591,000	N/A	14.27	10.73	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090073-C	Highway	R-2241C	Regional Impact	US 501	SR 1329 (Old NC 501)	North of Virginia State Line	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 29,083,000	N/A	16.94	12.78	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090152	Highway		Statewide Mobility	US 158	SR 1159 (Thee Hester Road) West of Roxboro	Oxford Outer Loop	Widen to Multi-Lanes with Bypass of Roxboro on New Location,	6 - Widen Existing Roadway and Construct Part on New Location	\$ 493,732,000	22.15	16.34	12.26	C	05	Kerr-Tar RPO	Person, Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090825	Highway		Division Needs	SR 1346 (New Route - Younger Road)	SR 1333 (Chub Lake Road)	SR 1364 (Carver Drive)	Extend Younger Road (SR 1346) 0.6 Mile from Chub Lake Road Road (SR 1333) to Carver Drive	5 - Construct Roadway on New Location	\$ 7,525,000	N/A	N/A	12.83	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H111010-A	Highway	U-5969A	Regional Impact	US 501 (Madison Blvd)	Weeks Drive	NC 157	Replace 5 Lane Facility with 4 Lane Facility with Planted Median. Reduce Number intersections; Add Sidewalks to Both Sides of the Road Where they Are Missing. Includes intersection improvements at US 158 (Oxford Road).	11 - Access Management	\$ 9,921,000	N/A	56.55	78.31	C	05	Kerr-Tar RPO	Person	Committed	Division Needs	\$ -
H111010-B	Highway	U-5969B	Regional Impact	US 501 (Madison Blvd)	NC 157	Morehead Street	Replace 5 Lane Facility with 4 Lane Facility with Planted Median. Reduce Number intersections; Add Sidewalks to Both Sides of the Road Where they Are Missing. Includes intersection improvements at NC 157 / Johnson Street / Hurdle Mills Road / South Main Street AND NC 49 (Leasburg Road/Chub Lake Street).	11 - Access Management	\$ 10,966,000	N/A	74.38	N/A	C	05	Kerr-Tar RPO	Person	Committed	Regional Impact	
H111010-C	Highway	U-5969C	Regional Impact	US 501 (Madison Blvd)	Morehead Street	NC 49 / North Main Street	Replace 5 Lane Facility with 4 Lane Facility with Planted Median. Reduce Number intersections; Add Sidewalks to Both Sides of the Road Where they Are Missing. Includes intersection improvements at Carver Drive.	11 - Access Management	\$ 11,736,000	N/A	74.50	N/A	C	05	Kerr-Tar RPO	Person	Committed	Regional Impact	
H111010-D	Highway		Regional Impact	US 501 (Madison Blvd)	US 158 (Oxford Road)		Improve Intersection	10 - Improve Intersection	\$ 668,000	N/A	47.40	34.49	C	05	Kerr-Tar RPO	Person	Carryover	Did Not Score High Enough to Receive Funding	\$ -

Person County-Page 2

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
H111010-E	Highway		Regional Impact	US 501 (Madison Blvd)	NC 157, Johnson Street, Hurdle Mills Road, South Main Street		Improve Intersection	10 - Improve Intersection	\$ 1,774,000	N/A	49.19	36.89	C	05	Kerr-Tar RPO	Person	Carryover	Did Not Score High Enough to Receive Funding	\$ -
H111010-F	Highway		Regional Impact	US 501 (Madison Blvd)	NC 49 (Leasburg Road/Chub Lake Street)		Improve Intersection	10 - Improve Intersection	\$ 1,216,000	N/A	44.99	33.27	C	05	Kerr-Tar RPO	Person	Carryover	Did Not Score High Enough to Receive Funding	\$ -
H111010-G	Highway		Regional Impact	US 501 (Madison Blvd)	Carver Drive		Improve Intersection	10 - Improve Intersection	\$ 668,000	N/A	48.52	61.10	C	05	Kerr-Tar RPO	Person	Carryover	Did Not Score High Enough to Receive Funding	\$ -
T150699	Transit		Regional Impact	Roxboro			Expansion Vehicle-PATS requests 1 expansion LTV. In order to meet demand, PATS will have to continue increasing operational capacity.	1 - Expansion Vehicle	\$ 6,200	N/A	26.03	18.90	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
T150709	Transit		Division Needs	Roxboro			Construct 15 bus shelters along PATS route corridor. The Bus shelter stops are: Cleveland Lane, Brookstone/Shale Circle, Walmart, Weeks Drive, Madison Square Center, Person Memorial hospital, Piedmont Community College, Oaks Apartments, Pine Ridge Apartments, Roses/Food Lion, Person Plaza, Person Industries, Long Memorial Church Lot, Courthouse, and the Library.	2 - Facility	\$ 11,250	N/A	N/A	19.44	C	05	Kerr-Tar RPO	Person	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -

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## Vance County

### P4.0 Projects - Status for P5.0 - SUBJECT TO CHANGE based on Final 2018-2027 STIP

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
H090017	Highway		Statewide Mobility	I-85	US 1		Provide Additional Traffic Movements	8 - Improve Interchange	\$ 45,100,000	27.55	35.21	36.55	C	05	Kerr-Tar RPO	Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090097	Highway		Regional Impact	US 1 BUS	US 1 Bypass	SR 1267 (Dabney Drive)	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 36,087,000	N/A	35.02	26.48	C	05	Kerr-Tar RPO	Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090449	Highway	U-3836	Division Needs	New Route	SR 1126 (Poplar Creek Road)	SR 1128 (Ruin Creek Road)	SR 1126 (Poplar Creek Road) to SR 1128 (Ruin Creek Road). Two Lane Service Road on New Location.	5 - Construct Roadway on New Location	\$ 16,264,000	N/A	N/A	15.77	C	05	Kerr-Tar RPO	Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090819-A	Highway		Division Needs	New Route - Henderson Western Outer Loop	SR 1101 (Old County Home Road)	US 1 Business (Raleigh Road)	Construct 2 Lane Roadway, Part on New Location. Continuation of the Western Outer Loop.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 27,886,000	N/A	N/A	43.92	C	05	Kerr-Tar RPO	Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090819-B	Highway		Division Needs	New Route - Henderson Western Outer Loop	US 1 Business (Raleigh Road)	NC 39	Construct 2 Lane Roadway, Part on New Location. Continuation of the Western Outer Loop.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 27,364,000	N/A	N/A	12.66	C	05	Kerr-Tar RPO	Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H149004	Highway		Regional Impact	US 158	US 158 Loop at Williamsboro Street in Oxford	Crest Road in Henderson	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 108,884,000	N/A	44.26	21.62	C	05	Kerr-Tar RPO	Vance, Granville	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H149005	Highway		Regional Impact	US 1 , US 158	Satterwhite Point Road	Ridgeway Drewry Road	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 107,029,000	N/A	25.03	18.47	C	05	Kerr-Tar RPO	Vance, Warren	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
T130114	Transit	T-C003A	Regional Impact	Henderson			Expansion Vehicle-KARTS is requesting 1 expansion LTV. In order to meet demand KARTS will have to continue increasing operational capacity by 2 units annually.	1 - Expansion Vehicle	\$ 5,600	N/A	68.70	N/A	C	05	Kerr-Tar RPO	Vance	Committed	Regional Impact	
T130115	Transit	T-C003B	Regional Impact	Henderson			Expansion Vehicle-KARTS is requesting 1 expansion LTV. In order to meet demand KARTS will have to continue increasing operational capacity by 2 units annually.	1 - Expansion Vehicle	\$ 5,600	N/A	68.55	N/A	C	05	Kerr-Tar RPO	Vance	Committed	Regional Impact	

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Warren County

P4.0 Projects - Status for P5.0 - SUBJECT TO CHANGE based on Final 2018-2027 STIP

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region	Division(s)	MPO(s)/RPO(s)	County(s)	P5.0 Status	Funded Status	Comments
H090154	Highway	R-2587	Statewide Mobility	US 158	I-85 in Warren County	SR 1405 East of Littleton in Halifax County	Widen to Multi-Lanes with Bypasses of Norlina, Macon and Littleton on New Location.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 160,800,000	24.05	29.45	35.28	C, A	05, 04	Kerr-Tar RPO, Peanut Belt RPO	Warren, Halifax	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090782	Highway		Division Needs	SR 1001	Henderson	Warrenton	Widen to 12-Foot Lanes Rom Henderson to Warrenton.	16 - Modernize Roadway	\$ 13,546,000	N/A	N/A	48.81	C	05	Kerr-Tar RPO	Warren, Vance	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090823	Highway		Regional Impact	US 401	Franklin County Line	Warrenton	Widening US 401 from the Franklin County Line to Warrenton	1 - Widen Existing Roadway	\$ 106,392,000	N/A	33.80	14.45	C	05	Kerr-Tar RPO	Warren	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -
H090828	Highway		Division Needs	SR 1151	US 1	Warren County Hub Site	Upgrade SR 1151 from US 1 to Warren County Hub Site on Manson-Axtell Road (SR 1100). Construction of a Connector Road from US 401 South of Warrenton Connecting to 158 Business on New Location.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 10,465,000	N/A	N/A	3.46	C	05	Kerr-Tar RPO	Warren	Holding Tank	Did Not Score High Enough to Receive Funding	\$ -

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HIGHWAY PROJECTS	Funded Statewide		Funded Regional		Funded Division		Total Funded	
	# of Projects	% of Total	# of Projects	% of Total	# of Projects	% of Total	# of Projects	% of Total
MPO Totals	55	100.00%	84	67.20%	95	55.88%	234	66.86%
RPO Totals	0	0.00%	41	32.80%	75	44.12%	116	33.14%

HIGHWAY PROJECTS	Funded Statewide		Funded Regional		Funded Division		Total Funded		
	Programmed Amount	% of Total	Programmed Amount	% of Total	Programmed Amount	% of Total	Programmed Amount	% of Total	Average \$ Per Capita
MPO Totals	\$3,072,159,000	100.00%	\$1,982,860,000	69.16%	\$1,738,096,000	54.58%	\$6,793,115,000	74.45%	\$953
RPO Totals	\$0	0.00%	\$884,161,000	30.84%	\$1,446,584,000	45.42%	\$2,330,745,000	25.55%	\$790

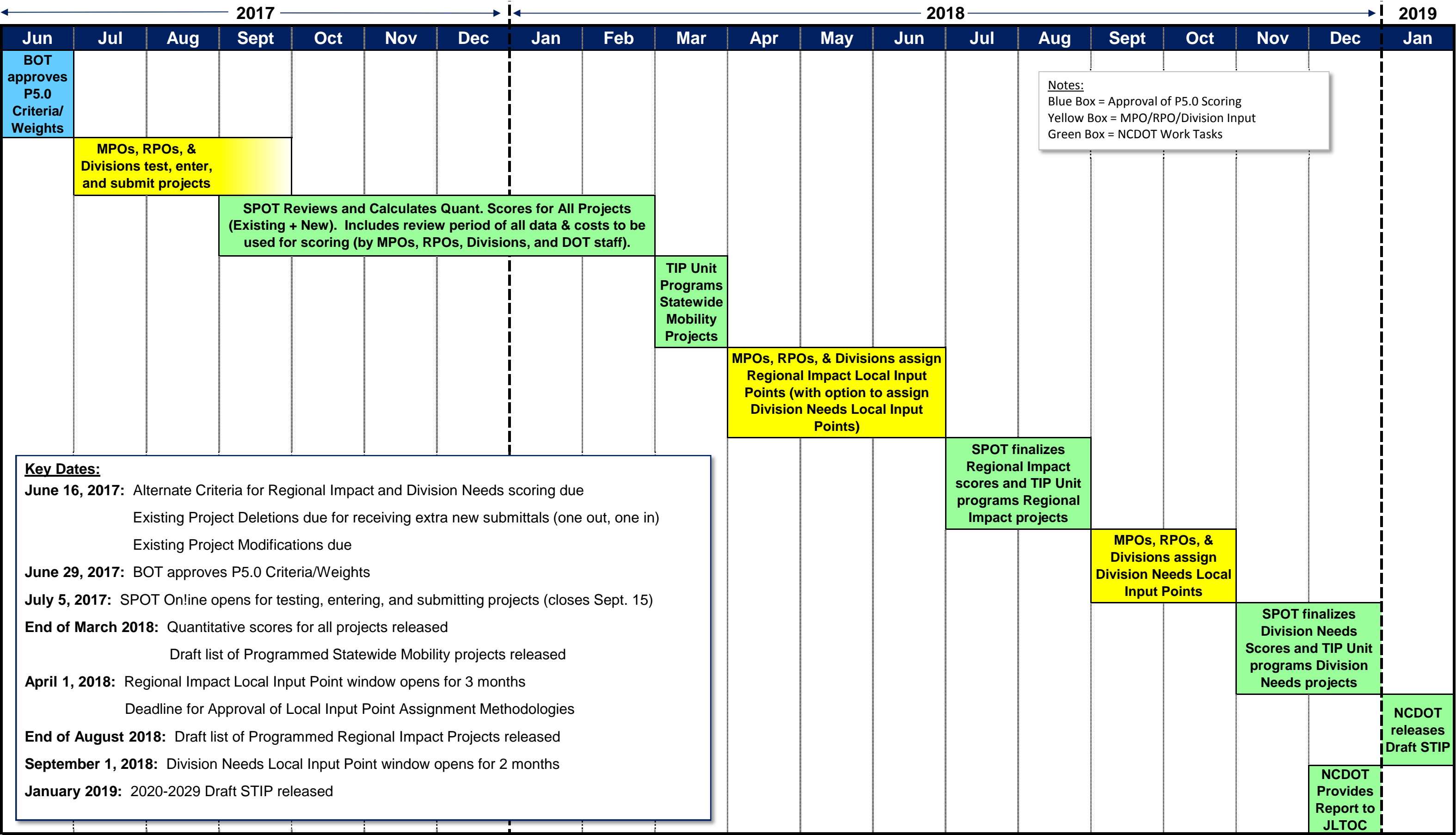
ALL MODES	Funded Statewide		Funded Regional		Funded Division		Total Funded	
	# of Projects	% of Total	# of Projects	% of Total	# of Projects	% of Total	# of Projects	% of Total
MPO Totals	67	100.00%	115	72.33%	163	53.27%	345	64.85%
RPO Totals	0	0.00%	44	27.67%	143	46.73%	187	35.15%

ALL MODES	Funded Statewide		Funded Regional		Funded Division		Total Funded		
	Programmed Amount	% of Total	Programmed Amount	% of Total	Programmed Amount	% of Total	Programmed Amount	% of Total	Average \$ Per Capita
MPO Totals	\$3,198,744,000	100.00%	\$2,183,248,000	71.18%	\$1,836,827,986	54.11%	\$7,218,819,986	74.72%	\$1,058
RPO Totals	\$0	0.00%	\$884,180,000	28.82%	\$1,557,738,600	45.89%	\$2,441,918,600	25.28%	\$827

**Note:** The P4 Statistics was presented at the Joint Legislative Committee on Transportation on 2/28/17.



Prioritization 5.0 Schedule



## 2017 Comprehensive Transportation Plan (CTP) Study Priority List

Contact	Ann Stroobant					# OF REQUESTS		1																		
IMPORTANT!!! DO NOT REQUEST / LIST AREAS THAT WILL NOT, OR CAN NOT, MEET LAND DEVELOPMENT CRITERIA OR STUDIES THAT ARE UNDERWAY OR CANNOT MEET WITHIN 6 WEEKS																										
						RPO POINTS					PROJECTS ON CURRENT STIP			LAST STUDY DATE	COUNTY POPULATION GROWTH			VMT GROWTH		TOTALS	TYPE OF UPDATE					
CTP REQUEST	COUNTY	RPO	TPB GROUP	CTP Committee Establish	Land Devel. Plan Date	RPO REQUEST PRIORIT	RPO PRIORITY POINTS	BIKE PLAN	PED PLAN		UNIFIED PLAN	# NEW LOCATIO N	# MILES ADDIT'L LANES	Total	LAST STUDY DATE	2010-2020 GROWTH	2020-2030 GROWTH	2009-14 GROWTH								
Test County #1	WARREN	Kerr-Tar	Eastern 1	No	in progress	1	5	Yes	5	Yes	5	Yes	5	0	0	0	2010	5	Loss	0	Low	3	1.91%	11	39	Full Study

Warren County is our next oldest plan (2010) after Granville County (2008). The Study Priority List was submitted to NCDOT on 2/1/17.

DRAFT FY 2017-2018

PLANNING WORK PROGRAM

ANNUAL PROPOSED FUNDING SOURCES TABLE

Kerr-Tar Rural Planning Organization

TASK CODE	TASK CODE/ WORK PRODUCT DESCRIPTION	WORK PRODUCT FORMAT	GEOGRAPHY	PRIMARY PROJECT # (IF APPLICABLE) FY_1718	RPO PROGRAM FUNDS		
					HIGHWAY/TRANSIT		TOTAL
					LOCAL 20%	STATE 80%	

I. DATA COLLECTION AND ASSESSMENT							
I-1	DATA COLLECTION AND ASSESSMENT				\$ 2,940	\$ 11,760	\$ 14,700
I-1.1	CTP Inventory and Assessment				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
	Regional CTP Needs	Administrative	Kerr Tar	1718_000			
I-1.2	Bicycle and Pedestrian Inventory and Assessment						
I-1.3	Parking Inventories						
I-1.4	Vehicle Occupancy Rates (VOR) Counts and Assessment						
I-1.5	Traffic Volume Counts and Assessment						
I-1.6	Crash Data and Assessment						
	Crash Data and Assessment	Summary/Assessment	Louisburg town	1718_000			
I-1.7	Public Transportation Service Data and Assessment						
	Update public transportation data for Locally Coordinated Transportation Plan (Tony will work on as MM)	Summary/Assessment	Kerr Tar	1718_000			
I-1.8	Multimodal Data Collection and Assessment						
I-1.9	Freight Data Collection and Assessment						
I-1.10	Socioeconomic Data Inventory						
	Update KTRPO data for regional transportation website	Summary/Assessment	Kerr Tar	1718_000			
I-1.11	Environmental and Land use Data Inventory and Assessment						
	205j Water Quality Application	Other	Kerr-Tar	1718_000			
I-1.12	Demographic Data Collection and Assessment						
	Update KTRPO data for regional transportation website	Summary/Assessment	Kerr Tar	1718_000			

II. TRANSPORTATION PLANNING							
II-1	COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT				\$ 3,400	\$ 13,600	\$ 17,000
II-1.1	Develop CTP Vision				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.1.a	CTP Study Setup						
	Prepare meeting minutes	Administrative	GRANVILLE	1718_001			
II-1.1.b	Local CTP Vision						
					SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.2	Conduct CTP Needs Assessment						
II-1.2.a	Data Collection and Assessment						
	Assist in Data Collection	Other	GRANVILLE	1718_001			
	Community Understanding Report (CUR) with NCDOT	Other	GRANVILLE	1718_001			
II-1.2.b	Current and Future Year Data Endorsements				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.2.c	Deficiency Assessment						
II-1.3	Analyze Alternatives and Environmental Screening				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.3.a	Alternatives Assessment						
II-1.3.b	Local Alternative Consensus						
	Presentation to local board	Meeting Participation	GRANVILLE	1718_001	SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.4	Develop Final Plan						
II-1.4.a	Develop CTP Maps						
	Assist NCDOT to develop and/or review CTP maps	Mapping	GRANVILLE	1718_001			
	Participate in workshops/meetings to gather input on CTP	Meeting Participation	GRANVILLE	1718_001			
II-1.4.b	Local Endorsement						
	Assist in adoption of plan	Other	GRANVILLE	1718_001			
II-1.4.c	Adopt Plan						
II-1.4.d	CTP Document						
	Review documentation	Administrative	GRANVILLE	1718_001			
II-1.4.e	CTP and Local Land Use Revisions						
II-1.4.f	Development of Local Implementation Strategies						
II-2	PRIORITIZATION AND PROGRAM DEVELOPMENT				\$ 6,077	\$ 24,309	\$ 30,386
II-2.1	Local Project Prioritization				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-2.1.a	Local Project Prioritization						
	STI Committee	Meeting Participation	Kerr Tar	1718_002			
	Review local and update local projects for prioritization, submit any new candidate projects, assign Regional Impact Local Input points (based on tentative P5.0 Schedule)	Administrative	Kerr Tar	1718_002			
	Consolidated CTP Project Lists	Spreadsheet	Kerr Tar	1718_002			
II-2.1.b	Project Entry and SPOT Prioritization Process				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-2.2	STIP Participation						
II-2.2.a	STIP Participation						
	Distribute and facilitate comments for P5.0 / STI to members; receive and review documentation and guidance about new funding, project scores and rankings, and process.	Administrative	Kerr Tar	1718_002			
II-3	PROJECT DEVELOPMENT				\$ 600	\$ 2,400	\$ 3,000
II-3.1	Problem Statement and Purpose and Need				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-3.1.a	Purpose and Need Data						
II-3.1.b	Public Involvement Strategies						
	Disseminate information about projects for comment and public information	Administrative	Kerr Tar	1718_000	SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-3.2	Merger Process						
II-3.2.a	Meeting Attendance						
II-3.2.b	Review and Comment						

TASK CODE	TASK CODE/ WORK PRODUCT	WORK PRODUCT	GEOGRAPHY	PRIMARY PROJECT #	RPO PROGRAM FUNDS		
					HIGHWAY/TRANSIT		
	Receive and distribute project plans	Administrative	Kerr Tar	1718_000			
II-3,3	Indirect and Cumulative Effects						
II-3.3.a	ICE Assessment of Probable Growth				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-4	GENERAL TRANSPORTATION PLANNING				\$ 9,800	\$ 39,200	\$ 49,000
II-4.1.a	Regional or Statewide Planning				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
	Participation in regional and local planning efforts and committee as the KTRPO representative (i.e. US-158 Corridor Association; Granville CTP Committee)	Meeting Participation	Kerr Tar	1718_000			
	NCARPO Website-Provide routine site maintenance including updating posts for meetings, posting minutes, hotel info, and agendas, and contact info, announcements and links.	Administrative	NC STATE	1718_000			
	NCARPO	Meeting Participation	Kerr Tar	1718_000			
II-4.1.b	Special Studies and Projects						
	Henderson I-85/NC39 Uptown Gateway Corridor Study	Report	HENDERSON	1516_000			
	NC Lakes District Regional Bike Plan Marketing and Outreach	Other	Kerr Tar	1617_003			
	Madison Blvd Visualization	Other	Roxboro	1213_009			
	Locally Coordinated Plan (LCP) 5 Year Update	Other	Kerr Tar	1718_003			
	Additional?-perhaps Norlina Pedestrian Plan if Warren Co. CTP moves forward						
II-4.1.c	CMAQ Planning						
	Regional CMAQ funding updates and new project identification; assistance with applications; technical assistance and endorsements as necessary	Administrative	Kerr Tar	1718_000			
II-4.1.d	Air Quality Assessment						
	Receive and review SICM air quality data	Administrative	Kerr Tar	1718_000			
II-4.1.e	Alternative Funding						
II-4.1.f	Training and Certification						
	Technical Training (such as TEAAS training)	Administrative	Kerr Tar	1718_000			
	Professional Training and Memberships	Other	Kerr Tar	1718_000			
II-4.2	Title VI						
II-4.2.a	RPO Affirmation of Title VI Compliance				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-4.2.b	Transportation Initiatives and ADA Compliance						
II-4.2.c	Environmental Justice Assessment						
II-4.2.d	Limited English Proficiency (LEP) Assessment						
III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES							
III-1	ADMINISTRATIVE DOCUMENTS AND PUBLIC INVOLVEMENT				\$ 5,020	\$ 20,080	\$ 25,100
III-1.1	Administrative				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
III-1.1.a	Planning Work Program						
	FY19 PWP	Administrative	Kerr Tar	1718_000			
	FY18 PWP Implementation	Administrative	Kerr Tar	1718_000			
	FY18 Revisions Amendment	Administrative	Kerr Tar	1718_000			
III-1.1.b	5-Year Planning Calendar						
	Prepare 5 year planning calendar for 2018-2023	Administrative	Kerr Tar	1718_000			
III-1.1.c	Quarterly Invoice and Progress Reports						
	Prepare quarterly Invoices and progress reports	Administrative	Kerr Tar	1718_000			
III-1.1.d	TCC/TAC Work Facilitation						
	Prepare meeting agendas, minutes, speakers	Administrative	Kerr Tar	1718_000			
III-1.1.e	Regulatory Documents						
	SEI FY18	Administrative	Kerr Tar	1718_000			
III-1.1.f	Miscellaneous Expenses						
III-1.2	Public Involvement				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
III-1.2.a	Public Involvement Plan (PIP)						
III-1.2.b	Documentation of Public Input						
TOTAL					\$ 27,837	\$ 111,349	\$ 139,186

Approved by the 1 \_\_\_\_\_, 2017.

Signature, TAC Chairman

Signature, RPO Secretary



FY 2016-2017 (Revised)  
PLANNING WORK PROGRAM  
ANNUAL PROPOSED FUNDING SOURCES TABLE  
Kerr-Tar Rural Planning Organization

TASK CODE	TASK CODE/ WORK PRODUCT DESCRIPTION	WORK PRODUCT FORMAT	GEOGRAPHY	PRIMARY PROJECT # (IF APPLICABLE) FY_00X	RPO PROGRAM FUNDS		
					HIGHWAY/TRANSIT		TOTAL
					LOCAL 20%	STATE 80%	

I. DATA COLLECTION AND ASSESSMENT							
I-1	DATA COLLECTION AND ASSESSMENT				\$ 2,600	\$ 10,400	\$ 13,000
I-1.1	CTP Inventory and Assessment				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
	Regional CTP Needs	Administrative	Kerr Tar	1617_000			
I-1.2	Bicycle and Pedestrian Inventory and Assessment						
I-1.3	Parking Inventories						
I-1.4	Vehicle Occupancy Rates (VOR) Counts and Assessment						
I-1.5	Traffic Volume Counts and Assessment						
I-1.6	Crash Data and Assessment						
	Crash Data and Assessment	Summary/Assessment	Louisburg town	1617_000			
I-1.7	Public Transportation Service Data and Assessment						
	Update public transportation data for Locally Coordinated Transportation Plan (Tony will work on as MM)	Summary/Assessment	Kerr Tar	1617_000			
I-1.8	Multimodal Data Collection and Assessment						
I-1.9	Freight Data Collection and Assessment						
I-1.10	Socioeconomic Data Inventory						
	Update KTRPO data for regional transportation website	Summary/Assessment	Kerr Tar	1617_000			
I-1.11	Environmental and Land use Data Inventory and Assessment						
	205j Water Quality Application	Other	Kerr-Tar	1617_000			
	EPA Brownfields Assessment Grant	Other	Kerr Tar	1617_000			
I-1.12	Demographic Data Collection and Assessment						
	Update KTRPO data for regional transportation website	Summary/Assessment	Kerr Tar	1617_000			
II. TRANSPORTATION PLANNING							
II-1	COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT				\$ 3,000	\$ 12,000	\$ 15,000
II-1.1	Develop CTP Vision				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.1.a	CTP Study Setup						
	Prepare meeting minutes	Administrative	GRANVILLE	1617_001			
II-1.1.b	Local CTP Vision						
					SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.2	Conduct CTP Needs Assessment						
II-1.2.a	Data Collection and Assessment						
	Assist in Data Collection	Other	GRANVILLE	1617_001			
	Community Understanding Report (CUR) with NCDOT	Other	GRANVILLE	1617_001			
II-1.2.b	Current and Future Year Data Endorsements						
					SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.2.c	Deficiency Assessment						
II-1.3	Analyze Alternatives and Environmental Screening						
II-1.3.a	Alternatives Assessment				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.3.b	Local Alternative Consensus						
	Presentation to local board	Meeting Participation	GRANVILLE	1617_001	SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.4	Develop Final Plan						
II-1.4.a	Develop CTP Maps						
	Assist NCDOT to develop and/or review CTP maps	Mapping	GRANVILLE	1617_001			
	Participate in workshops/meetings to gather input on CTP	Meeting Participation	GRANVILLE	1617_001			
II-1.4.b	Local Endorsement						
	Assist in adoption of plan	Other	GRANVILLE	1617_001			
II-1.4.c	Adopt Plan						
II-1.4.d	CTP Document						
	Review documentation	Administrative	GRANVILLE	1617_001			
II-1.4.e	CTP and Local Land Use Revisions				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-1.4.f	Development of Local Implementation Strategies						
II-2	PRIORITIZATION AND PROGRAM DEVELOPMENT				\$ 5,376	\$ 21,505	\$ 26,881
II-2.1	Local Project Prioritization				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-2.1.a	Local Project Prioritization						
	STI Committee	Meeting Participation	Kerr Tar	1617_002			
	Review local and update local projects for prioritization, submit any new candidate projects, assign Regional Impact Local Input points (based on tentative P4.0 Schedule)	Administrative	Kerr Tar	1617_002			
	Consolidated CTP Project Lists	Spreadsheet	Kerr Tar	1617_002			
II-2.1.b	Project Entry and SPOT Prioritization Process				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-2.2	STIP Participation						
II-2.2.a	STIP Participation						
	Distribute and facilitate comments for P4.0 / STI to members; receive and review documentation and guidance about new funding, project scores and rankings, and process.	Administrative	Kerr Tar	1617_002	SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-3	PROJECT DEVELOPMENT						
II-3.1	Problem Statement and Purpose and Need						
II-3.1.a	Purpose and Need Data						
	Location Affordability Study			1617_002	SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-3.1.b	Public Involvement Strategies						
	Disseminate information about projects for comment and public information	Administrative	Kerr Tar	1617_000			
II-3.2	Merger Process				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
II-3.2.a	Meeting Attendance						
					SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		

TASK CODE	TASK CODE/ WORK PRODUCT	WORK PRODUCT	GEOGRAPHY	PRIMARY PROJECT #	RPO PROGRAM FUNDS					
					HIGHWAY/TRANSIT					
II-3.2.b	Review and Comment				EACH QUARTER.					
	Receive and distribute project plans	Administrative	Kerr Tar	1617_000						
II-3.3	Indirect and Cumulative Effects									
II-3.3.a	ICE Assessment of Probable Growth				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.					
II-4	GENERAL TRANSPORTATION PLANNING				\$ 8,800	\$ 35,200	\$ 44,000			
II-4.1.a	Regional or Statewide Planning				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.					
	Participation in regional and local planning efforts and committee as the KTRPO representative (i.e. US-158 Corridor Association; Granville CTP Committee)	Meeting Participation	Kerr Tar	1617_000						
	NCARPO Website-Provide routine site maintenance including updating posts for meetings, posting minutes, hotel info, and agendas, and contact info, announcements and links.	Administrative	NC STATE	1617_000						
	NCARPO	Meeting Participation	Kerr Tar	1617_000						
II-4.1.b	Special Studies and Projects									
	Henderson I-85/NC39 Uptown Gateway Corridor Study	Report	HENDERSON	1516_000						
	NC Lakes District Regional Bike Plan Marketing and Outreach	Other	Kerr Tar	1617_003						
	Madison Blvd Visualization	Other	Roxboro	1213_009						
	Louisburg Transit Plan	Other	Louisburg town	1516_003						
II-4.1.c	CMAQ Planning									
	Regional CMAQ funding updates and new project identification; assistance with applications; technical assistance and endorsements as necessary	Administrative	Kerr Tar	1617_000						
II-4.1.d	Air Quality Assessment									
	Receive and review SICM air quality data	Administrative	Kerr Tar	1617_000						
II-4.1.e	Alternative Funding									
	TAP Funding	Other	Kerr Tar	1617_000						
II-4.1.f	Training and Certification									
	Technical Training (such as TEAAS training)	Administrative	Kerr Tar	1617_000						
	Professional Training and Memberships	Other	Kerr Tar	1617_000						
II-4.2	Title VI									
II-4.2.a	RPO Affirmation of Title VI Compliance				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.					
II-4.2.b	Transportation Initiatives and ADA Compliance									
II-4.2.c	Environmental Justice Assessment									
II-4.2.d	Limited English Proficiency (LEP) Assessment									
III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES										
III-1	ADMINISTRATIVE DOCUMENTS AND PUBLIC INVOLVEMENT				\$ 4,000	\$ 16,000	\$ 20,000			
III-1.1	Administrative				SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.					
III-1.1.a	Planning Work Program									
	FY18 PWP	Administrative	Kerr Tar	1617_000						
	FY17 PWP Implementation	Administrative	Kerr Tar	1617_000						
	FY17 Revisions Amendment	Administrative	Kerr Tar	1617_000						
III-1.1.b	5-Year Planning Calendar									
	Prepare 5 year planning calendar for 2017-2022	Administrative	Kerr Tar	1617_000						
III-1.1.c	Quarterly Invoice and Progress Reports									
	Prepare quarterly Invoices and progress reports	Administrative	Kerr Tar	1617_000						
III-1.1.d	TCC/TAC Work Facilitation									
	Prepare meeting agendas, minutes, speakers	Administrative	Kerr Tar	1617_000						
III-1.1.e	Regulatory Documents									
	SEI FY17	Administrative	Kerr Tar	1617_000						
III-1.1.f	Miscellaneous Expenses									
	Safe Routes to School	Other	Kerr Tar	1617_000						
III-1.2	Public Involvement									
III-1.2.a	Public Involvement Plan (PIP)							SPENDING DETAILS PER LINE ITEM ARE REQUIRED EACH QUARTER.		
III-1.2.b	Documentation of Public Input									
TOTAL					\$ 24,206	\$ 96,825	\$ 121,031			

Approved by the 1 \_\_\_\_\_, 2016.

Signature, TAC Chairman

Signature, RPO Secretary

Kerr-Tar Regional Transportation Planning Organization

5-Year Planning Calendar 2017 - 2022

YEAR	Planning Work Program	Recommendation to State TIP	GIS Database	Data Collection	Local CTP	Special Studies	Transportation Enhancement / Transit Planning	CMAQ
FY 2017 - 2018	Draft February 2018; Final May 2018	Submit TIP Priority List for 2018-2024 TIP	Maintain Databases; Coordinate updates with local agencies	Data collection as requested by local partners.	Evaluate needs for updates for municipal/county plans; Work on Granville County CTP; Apply for Warren County CTP if not already awarded.	Initiate Locally Coordinated Plan (LCP) 5 Year Update if required, working with mobility manager. Continue with the Henderson I-85/NC39 Uptown Gateway Corridor Study. Continue with NC Lakes District Regional Bike Plan Marketing and Outreach. Continue with Madison Boulevard. Examine potential and limitations to expanding freight rail in the region. Additional efforts as identified by survey and discussions with RPO TCC.	Continue to assist with applications, technical assistance and endorsements as necessary. Continue to expand collaboration with Mobility Management and create on-line resource to link passengers with mobility. Continue to work with mobility manager to update LCP. Continue to work with regional and state partners to study locations and facilities for park and ride and intrastate transit services. Work with PATS and KARTS to design and plan facilities to enhance "Around Town" shuttle and regional transit services. Work with southside Virginia to look at transit options for Region K workers to access jobs in southern Virginia.	Assistance with applications; technical assistance and endorsements as necessary
FY 2018 - 2019	Draft February 2019; Final May 2019	Review Prioritization Policy; Prepare comments for 2018-2024 Draft TIP	Maintain Databases; Coordinate updates with local agencies	Data collection as requested by local partners.	Evaluate needs for updates for municipal/county plans; Work on Warren County CTP	Additional efforts as identified by survey and discussions with RPO TCC.	Technical Assistance to Member Govts as needed	Assistance with applications; technical assistance and endorsements as necessary
FY 2019 - 2020	Draft February 2020; Final May 2020	Submit TIP Priority List for 2019-2025 TIP. Review existing project scopes and review potential changes	Maintain Databases; Coordinate updates with local agencies	Data collection as requested by local partners.	Evaluate needs for updates for municipal/county plans; Finalize Warren County CTP	Additional efforts as identified by survey and discussions with RPO TCC.	Technical Assistance to Member Govts as needed	Assistance with applications; technical assistance and endorsements as necessary
FY 2020 - 2021	Draft February 2021; Final May 2021	Review Prioritization Policy; Prepare comments for 2020-2026 Draft TIP	Maintain Databases; Coordinate updates with local agencies	Data collection as requested by local partners.	Evaluate needs for updates for municipal/county plans; work as required	Additional efforts as identified by survey and discussions with RPO TCC.	Technical Assistance to Member Govts as needed	Assistance with applications; technical assistance and endorsements as necessary
FY 2021- 2022	Draft February 2022; Final May 2022	Submit TIP Priority List for 2021-2026 TIP. Review existing project scopes and review potential changes	Maintain Databases; Coordinate updates with local agencies	Data collection as requested by local partners.	Evaluate needs for updates for municipal/county plans; work as required	Additional efforts as identified by survey and discussions with RPO TCC.	Technical Assistance to Member Govts as needed	Assistance with applications; technical assistance and endorsements as necessary

## Current Transportation Related Legislation:

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- Transportation mega project funding House - Filed 3/1/2017

<http://www.ncleg.net/Sessions/2017/Bills/House/PDF/H219v1.pdf>

<http://www.ncleg.net/gascripts/BillLookUp/BillLookUp.pl?Session=2017&BillID=H219>

**House Bill 219-** AN ACT TO ESTABLISH A MEGAPROJECT FUND TO FUND HIGHER-COST AND LARGER-SCALE TRANSPORTATION PROJECTS, AS RECOMMENDED BY THE HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING AND LONG TERM FUNDING SOLUTIONS (for projects that exceed 200 million dollars)

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- License plate readers in State ROW -House- Filed 3/2/2017

<http://www.ncleg.net/Sessions/2017/Bills/House/PDF/H242v0.pdf>

<http://www.ncleg.net/gascripts/BillLookUp/BillLookUp.pl?Session=2017&BillID=H242>

**House Bill 242-**A BILL TO BE ENTITLED AN ACT TO AUTHORIZE THE INSTALLATION AND USE OF AUTOMATIC LICENSE PLATE READER SYSTEMS IN STATE RIGHTS-OF-WAY.

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- State infrastructure bank revisions -House- Filed 3/1/2017

<http://www.ncleg.net/Sessions/2017/Bills/House/PDF/H220v1.pdf>

<http://www.ncleg.net/gascripts/BillLookUp/BillLookUp.pl?Session=2017&BillID=H220>

**House Bill 220-** A BILL TO BE ENTITLED AN ACT TO EXPAND THE PURPOSES FOR WHICH FUNDS FROM THE STATE INFRASTRUCTURE BANK MAY BE USED AND TO CREATE AN OVERSIGHT BOARD FOR THE STATE INFRASTRUCTURE BANK, AS RECOMMENDED BY THE HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING AND LONG TERM FUNDING SOLUTIONS (infrastructure banking program may utilize available federal and State funds for the purpose of providing loans or other financial assistance to governmental units, including toll authorities, to finance the costs of transportation projects)

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STI/Regional & Division Weighting - House - Filed 2/9/2017

<http://www.ncleg.net/Sessions/2017/Bills/House/PDF/H81v1.pdf>

<http://www.ncleg.net/gascripts/BillLookup/BillLookup.pl?Session=2017&BillID=H81>

**House Bill 81-**

A BILL TO BE ENTITLED AN ACT TO ADJUST THE WEIGHTING ATTRIBUTED UNDER THE TRANSPORTATION INVESTMENT STRATEGY FORMULA TO THE DEPARTMENT OF TRANSPORTATION'S DIVISION ENGINEERS, THE METROPOLITAN PLANNING ORGANIZATIONS, AND THE RURAL TRANSPORTATION PLANNING ORGANIZATIONS, WHEN SELECTING REGIONAL IMPACT AND DIVISION NEED PROJECTS, AS RECOMMENDED BY THE HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING AND LONG TERM FUNDING SOLUTIONS.

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DOT/DMV changes -House - Filed 2/16/2017, Senate - Filed- 1/25/2017

<http://www.ncleg.net/Sessions/2017/Bills/House/PDF/H110v1.pdf>

<http://www.ncleg.net/gascripts/BillLookup/BillLookup.pl?Session=2017&BillID=H110>

**House Bill 110-**

A BILL TO BE ENTITLED AN ACT TO MAKE CHANGES TO STATE LAW RELATED TO THE DEPARTMENT OF TRANSPORTATION AND THE DIVISION OF MOTOR VEHICLES, AS RECOMMENDED BY THE JOINT LEGISLATIVE TRANSPORTATION OVERSIGHT COMMITTEE (DOT Residue Property Disposal, Extend Sunset for DOT Minority-Owned/Women Owned Businesses Program as well as other changes)

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Maintenance Bond for subdivision roads - House- Filed 2/21/2017

<http://www.ncleg.net/gascripts/BillLookup/BillLookup.pl?Session=2017&BillID=H141>

<http://www.ncleg.net/Applications/BillLookup/LoadBillDocument.aspx?SessionCode=2017&DocNum=538&SeqNum=0>

**House Bill 141-** A BILL TO BE ENTITLED AN ACT TO ESTABLISH A MAINTENANCE BOND PROCESS FOR SUBDIVISION ROADS DEDICATED FOR PUBLIC USE TO PREVENT DEGRADATION OF TRANSPORTATION IMPROVEMENTS PRIOR TO ADDITION TO THE STATE HIGHWAY SYSTEM.

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ACS 3/6/17



STATE POLITICS    FEBRUARY 28, 2017 2:54 PM

## Should local leaders have more sway over road projects? NC House bill would give them more power

BY COLIN CAMPBELL  
[ccampbell@newsobserver.com](mailto:ccampbell@newsobserver.com)

RALEIGH — Local leaders would have more influence over local road funding decisions under an N.C. House bill that cleared a committee Tuesday.

House Bill 81 was approved by the House Transportation Committee and would tweak the state's formula for evaluating transportation projects.

The bill would give more weight to the priorities of county and municipal officials that review proposed projects through metropolitan and regional planning organizations, while reducing the weight of N.C. Department of Transportation division engineers' recommendations in the process.

"There's a political element involved in this, as to a certain extent, we have to accept that the input of the locals on a local-only road should have more weight than data," said Rep. Bill Brawley, a Mecklenburg County Republican. "There is a certain art to this and not pure science."

Brawley added that the road projects that local residents want in their area "may not be the absolute optimal solution for traffic."

The proposed change in the formula would affect only local and regional projects, not the major highway projects classified as "statewide." State transportation officials would still base decisions on big projects entirely on data.

The formulas are part of the 2013 Strategic Transportation Investments law that aimed to take politics out of road funding decisions by using objective criteria to rank proposed transportation projects.

ADVERTISING



Rep. John Torbett, the Gaston County Republican who sponsored HB 81, said he's still a strong supporter of the Strategic Transportation Investments approach.

"It is our constitution of infrastructure in North Carolina, but our STI law will need to be amended as time goes on," he said.

The bill now heads to the House floor.

*Colin Campbell: 919-829-4698, @RaleighReporter*



**MORE STATE POLITICS**

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**SUGGESTED FOR YOU**

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Governor Cooper Shares List of Shovel Ready Projects with Washington

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## Governor Cooper Shares List of Shovel Ready Projects with Washington

RALEIGH

Feb 15, 2017

Governor Roy Cooper has submitted several 'shovel ready' infrastructure projects to be considered by the federal government.

Cooper's administration provided the list of projects at the request of the National Governors Association.

"Moving ahead with shovel ready projects like these will create good paying jobs and provide a shot in the arm to our state's economy," said Governor Cooper. "Improving highways and mass transit will make North Carolina an even better place to live and do business."

Projects submitted to the NGA include:

- Completing I-295 Fayetteville outer loop in Cumberland and Robeson Counties. The 39-mile outer loop would provide interstate connectivity for the region and provide Fort Bragg direct connections to I-95.
- Completing the Winston-Salem northern beltway. The 34.2-mile Winston-Salem Northern Beltway is split into eastern and western sections. The eastern section is

part of the future I-74 corridor, and is divided into eight sections for construction purposes. The western part is split into 10 sections between U.S. 52 and U.S. 158.

- Improving the I-40 and I-77 interchange in Iredell County. The first section under construction includes widening I-40 to three lanes in each direction. The second section calls for building two bridges, ramp upgrades for the I-40/77 interchange, additional lanes for I-40 West, a ramp to U.S. 21, and upgrading an I-40 exit.
- Widening 22.2 miles of I-26 in Buncombe and Henderson Counties. In addition to widening I-26, work will also involve replacing the Blue Ridge Parkway Bridge.
- Improving I-95 Northampton, Halifax, Nash, Johnston, Harnett, Cumberland, and Robeson Counties. The improvements include a series of pavement rehabilitation projects along much of the 182 miles of the interstate in N.C., interchange additions, and upgrades. It also includes bridge rehabilitation safety projects to raise the clearance heights and the construction of new bridges over the interstate.
- Completing the Durham-Orange light rail transit project led by the GoTriangle transit agency. The project is a 17.7-mile light rail project that will connect Chapel Hill and Durham and serve 18 stations in areas that have been identified for future compact development and growth
- Widening US 74 in Mecklenburg County. The project would widen Independence Boulevard to three general purpose lanes in each direction, construct one or two express toll lanes in the median in each direction, and convert highway to an expressway.
- Widening I-485 in Mecklenburg County. The proposal would add one express toll lane in each direction along I-485 from I-77 to U.S. 74 (Independence Boulevard) in Mecklenburg County.

## Contact Information

Ford Porter

[govpress@nc.gov](mailto:govpress@nc.gov) (<mailto:govpress@nc.gov>)

919-814-2100

# SEI Helpful Tips 2017

File annually by April 15, 2017, to avoid fines and other penalties.

## READ EACH QUESTION CAREFULLY AS THE TIME PERIODS FOR REPORTING VARY PER THE NC STATE GOVERNMENT ETHICS ACT (N.C.G.S 138A)

1. **PUBLIC RECORDS.** The State Ethics Commission (Commission) is required to collect and maintain disclosures from certain persons covered by the State Government Ethics Act (Ethics Act). *By law, the information requested is public record and available to the public upon request.* As public records, 2015 Statements of Economic Interest (SEI) are available on the Commission's website. Personal contact information, however, is not.
2. **CONTACT INFORMATION PAGE.** The Contact Information page, which includes your personal contact information, will not be available on the Commission's website.
3. **CHILDREN'S INITIALS.** Only list minor children's INITIALS on the SEI. List each child's full legal name on the Confidential Form at the end of the SEI. The Confidential Form is not a public record, and the Commission will not make it available to the public.
4. **ANSWER EACH QUESTION.** It is important to answer each question, including all applicable sub-parts. Even if your answer is "no" or "not applicable," make certain you answer *each question*. Many of the questions have "yes" and "no" boxes to check for your convenience. Incomplete SEIs may cause delays and negatively impact your public service on a covered board or as an employee.
5. **WHY ARE YOU FILING.** You must list the complete name of the state board or state agency employer for which you are filing the SEI. Without this information, your SEI may be delayed and negatively impact your public service on a covered board or as an employee.
6. **HOW TO FILE.** The Commission strongly recommends *on-line filing* as it is secure, allows easy information updates, and gives you access to your electronic SEIs previously filed. Filing your SEI on-line is easy, quick, convenient, and reduces the chance of reporting errors. Getting started is easy. Follow the simple steps to create your own NCID account and get access today:

<http://www.ethicscommission.nc.gov/library>

To file a paper version of the SEI, you must provide the Commission with a *signed, original* SEI form. Each SEI includes an "affirmation" and is a legally binding document.

## **FAXED OR EMAILED COPIES OF YOUR SEI CANNOT BE ACCEPTED**

7. **INCOME.** List each source of income as requested on the SEI. The actual dollar amount is not required. Be sure to list your employer as a source of income in Question # 6 of the SEI.
8. **READ CAREFULLY.** Read each question carefully, as the Ethics Act requires that you disclose your financial holdings and obligations, personal property, and real property and may also include your knowledge of



# SEI Helpful Tips 2017

the holdings of both your *immediate* family and your *extended* family. “Immediate family” and “extended family” are defined terms in the Ethics Act, and those definitions are included with this document.

## **PAY CLOSE ATTENTION TO TIME PERIODS IN EACH QUESTION**

**9. REFLECT.** Think carefully about WHY you are filing, and whether it has any relationship to your position. Does your board or commission license or regulate you? For many of the boards, a subject matter expert like a licensee is needed. Answering “yes” does *not* prohibit your service on the board, and your perspective is valued.

**10. MAKE A COPY.** Make a copy of the SEI for your own records, and make a note in your calendar when you submit it, whether on-line or by mail or hand delivery. When you successfully submit your SEI electronically *on-line*, the final screen will provide a confirmation number and will be definitive proof that you have satisfied your filing obligation. Please print the confirmation screen for your records.

**11. ETHICS LIAISON.** Contact your Ethics Liaison to assist you in your obligations under the Ethics Act. Your Ethics Liaison is good source of information about how to fill out your SEI.

**12. ON-LINE HELP.** The Ethics Commission has on-line resources to answer questions you may have about your SEI. For more information, please visit the **State Ethics Commission website** which has education offerings.

**13. DEFINITIONS.** As noted above, certain terms are defined in the Ethics Act (“immediate family”). These definitions may be helpful to you in completing your SEI. A complete list of all definitions used in the Ethics Act is available on the Commission’s website. Some of the more common ones are attached to this document.

**14. WE ARE HERE TO HELP YOU.** In addition to on-line resources and written materials, the Ethics Commission has expert staff ready to answer any questions you might have and assist you in completing and filing your SEI. Do not hesitate to contact us at

**[sei@doa.nc.gov](mailto:sei@doa.nc.gov)**

**(919) 814-3600.**

# SEI Helpful Tips 2017

## HELPFUL DEFINITIONS

The definitions below may be helpful to you in completing your SEI. A complete list of all definitions used in the State Government Ethics Act, N.C.G.S. § 138A-3, is available on the Commission's website.

**Board.** Any State board, commission, council, committee, task force, authority, or similar public body, however denominated, created by statute or executive order, as determined and designated by the Commission, except for those public bodies that have only advisory authority.

**Business.** Any of the following organized for profit: association, business trust, corporation, enterprise, joint venture, organization, partnership, proprietorship, vested trust, and every other business interest, including ownership or use of land for income.

**Business with which associated.** A business in which the covered person or filing person or any member of that covered person's or filing person's immediate family does any of the following: is an employee, holds a position as a director, officer, partner, proprietor, or member or manager of a limited liability company, irrespective of the amount of compensation received or the amount of the interest owned, owns a legal, equitable or beneficial interest of ten thousand dollars (\$10,000) or more in the business or five percent (5%) of the business, whichever is less, other than as a trustee on a deed of trust, or is a lobbyist registered under Chapter 120C of the General Statutes.

For the purposes of this definition, the term "business" shall not include a widely held investment fund, regulated investment company, or pension or deferred compensation plan, if all of the following apply: the covered person, filing person, or a member of the covered person's or filing person's immediate family neither exercises nor has the ability to exercise control over the financial interests held by the fund, and the fund is publicly traded or the fund's assets are widely diversified.

**Emancipation.** A minor child, under the age of 18 years, is emancipated by the following acts: marriage, enlistment in the United States armed forces, or court action for emancipation.

**Extended family.** Spouse, lineal descendant, lineal ascendant, sibling, spouse's lineal descendant, spouse's lineal ascendant, spouse's sibling, and the spouse of any of these individuals.

**Honoraria.** Payments for services for which fees are not legally or traditionally required.

**Immediate family.** An unemancipated child of the covered person residing in the household and the covered person's spouse, if not legally separated. A member of a covered person's extended family shall also be considered a member of the immediate family if actually residing in the covered person's household.

**Judicial officer.** Justice or judge of the General Court of Justice, district attorney, clerk of court, or any individual elected or appointed to any of these positions prior to taking office.

**Nonprofit corporation or organization with which associated.** Any not for profit corporation, organization, or association, incorporated or otherwise, that is organized or operating in the State primarily for religious, charitable, scientific, literary, public health and safety, or educational purposes and of which the covered person, filing person, or any member of the covered person's or filing person's immediate family is a director, officer, governing board member, employee, lobbyist



# SEI Helpful Tips 2017

registered under Chapter 120C of the General Statutes, or independent contractor. Nonprofit corporation or organization with which associated shall not include any board, entity, or other organization created by this State or by any political subdivision of this State.

**Person.** Any individual, firm, partnership, committee, association, corporation, business, or any other organization or group of persons acting together. The term "person" does not include the State, a political subdivision of the State, a board, or any other entity or organization created by the State or a political subdivision of the State.

**Person with which the legislator is associated.** Any of the following: a member of the legislator's extended family, a client of the legislator, a business with which the legislator or a member of the legislator's immediate family is associated, a nonprofit corporation or association with which the legislator or a member of the legislator's immediate family is associated, the State, a political subdivision of the State, a board, or any other entity or organization created by the State or a political subdivision of the State that employs the legislator or a member of the legislator's immediate family.

**Person with which the public servant is associated.** Any of the following: a member of the public servant's extended family, a client of the public servant, a business with which the public servant or a member of the public servant's immediate family is associated, a nonprofit corporation or association with which the public servant or a member of the public servant's immediate family is associated, and the State, a political subdivision of the State, a board, or any other entity or organization created by the State or a political subdivision of the State that employs the public servant or a member of the public servant's immediate family.

**Trusts: Blind Trust.** A trust established by or for the benefit of a covered person or a member of the covered person's immediate family for divestiture of all control and knowledge of assets. A trust qualifies as a blind trust under this subdivision if the covered person or a member of the covered person's immediate family has no knowledge of the holdings and sources of income of the trust, the trustee of the trust is independent of and not associated with or employed by the covered person or a member of the covered person's immediate family and is not a member of the covered person's extended family, and the trustee has sole discretion as to the management of the trust assets.

**Trusts: Vested Trust.** A trust or annuity, or other funds held by a trustee or other third party for the benefit of the covered person or a member of the covered person's immediate family, except a blind trust. A vested trust shall not include a widely held investment fund, including a mutual fund, regulated investment company, or pension or deferred compensation plan, if the covered person or a member of the covered person's immediate family neither exercises nor has the ability to exercise control over the financial interests held by the fund; and the fund is publicly traded, or the fund's assets are widely diversified.

## **Additional links and contact info added by Ann Stroobant 3/6/17:**

-Here is the link with filing information: [http://www.ethicscommission.nc.gov/sei/blankForm.aspx?type=MPO\\_RPO](http://www.ethicscommission.nc.gov/sei/blankForm.aspx?type=MPO_RPO)

-Here is the link to the State Ethics Commission website: <http://www.ethicscommission.nc.gov/>

-Contact information for Peggy Malpass at NC Ethics: [peggy.malpass@doa.nc.gov](mailto:peggy.malpass@doa.nc.gov)  
(919)814-3600

CMAQ Target Allocations: Federal Fiscal Years 2018 & 2019

	FFY 2018	FFY 2019
Estimated FAST Act CMAQ Apportionment	\$ 53,178,847	\$ 54,152,328
2% SPR Setaside	\$ 52,115,270	\$ 53,069,281
90% Obg. Limit	\$ 46,903,743	\$ 47,762,353
Total Assumed CMAQ State Allocation <sup>1</sup>	\$ 46,903,743	\$ 47,762,353

Area	Pollutants	2010 Estimated	Weighting Factors <sup>2</sup>	Adjusted Population	Percent (%)	FFY 2018 Target	FFY 2019 Target	Adjusted	Adjusted	Notes	Blanket STIP Project
		NA Area Population <sup>1</sup>						FFY 2018 Target	FFY 2019 Target		
Statewide <sup>3</sup>					35.00%	\$ 16,416,310	\$ 16,716,824	\$ 16,337,750	\$ 16,638,656		C-5600
Regional <sup>4</sup>					5.00%	\$ 2,345,187	\$ 2,388,118	\$ 2,345,187	\$ 2,388,118		C-5601
Subregional <sup>5</sup>					60.00%	\$ 28,142,246	\$ 28,657,412	\$ 28,220,806	\$ 28,735,579		
Catawba Region											
Hickory MPO	PM2.5	158,524	1.00	158,524	2.86%	\$ 805,017	\$ 819,753	\$ 805,017	\$ 819,753	No adjustments	C-5608
Great Smoky Mountain National Park Region											
Land of Sky RPO	Ozone (1997)	554	1.00	554	0.01%	\$ 2,813	\$ 2,865	\$ 50,000	\$ 50,000	See note 6	C-5612
Southwestern RPO	Ozone (1997)	3,342	1.00	3,342	0.06%	\$ 16,971	\$ 17,282				
Metrolina Region											
Cabarrus-Rowan MPO	Ozone (2008,1997)	323,384	1.00	323,384	5.84%	\$ 1,642,209	\$ 1,672,271	\$ 1,642,209	\$ 1,672,271	No adjustments	C-5603
Charlotte Regional TPO	Ozone (1997, 2008), CO					\$ 8,284,488	\$ 8,436,142	\$ 8,284,488	\$ 8,436,142	No adjustments	C-5613
Mecklenburg County	Ozone (1997, 2008), CO	919,628	1.44	1,324,264	23.90%						
All Other Areas	Ozone (1997, 2008)	255,932	1.20	307,118	5.54%						
Gaston Cleveland Lincoln MPO	Ozone (1997, 2008)	287,839	1.00	287,839	5.19%	\$ 1,461,704	\$ 1,488,462	\$ 1,461,704	\$ 1,488,462	No adjustments	C-5606
Rocky River RPO	Ozone (1997, 2008)	19,469	1.00	19,469	0.35%	\$ 98,867	\$ 100,677	\$ 98,867	\$ 100,677	No adjustments	C-5617
Rocky Mount Region											
Rocky Mount MPO	Ozone (1997)	88,797	1.00	88,797	1.60%	\$ 450,929	\$ 459,184	\$ 450,929	\$ 459,184	No adjustments	C-5616
Upper Coastal Plain RPO	Ozone (1997)	128,751	1.00	128,751	2.32%	\$ 653,823	\$ 665,792	\$ 653,823	\$ 665,792	No adjustments	C-5619
Traid Region											
Burlington-Graham MPO	Ozone (1997), PM2.5	16,844	1.00	16,844	0.30%	\$ 85,537	\$ 87,103	\$ 85,537	\$ 87,103	No adjustments	C-5602
Greensboro MPO	PM2.5	376,308	1.00	376,308	6.79%	\$ 1,910,967	\$ 1,945,949	\$ 1,910,967	\$ 1,945,949	No adjustments	C-5607
High Point MPO	PM2.5	254,257	1.00	254,257	4.59%	\$ 1,291,168	\$ 1,314,804	\$ 1,291,168	\$ 1,314,804	No adjustments	C-5609
Winston-Salem MPO	CO, PM2.5	382,904	1.00	382,904	6.91%	\$ 1,944,463	\$ 1,980,058	\$ 1,944,463	\$ 1,980,058	No adjustments	C-5620
NW Piedmont RPO	Ozone (1972)	326	1.00	326	0.01%	\$ 1,655	\$ 1,686	\$ 50,000	\$ 50,000	See note 6	C-5614
Triangle Region											
Capital Area MPO	Ozone (1997), CO					\$ 6,339,943	\$ 6,456,001	\$ 6,339,943	\$ 6,456,001	No adjustments	C-5604
Wake County	Ozone (1997), CO	900,993	1.20	1,081,192	19.51%						
All Other Areas	Ozone (1997)	167,271	1.00	167,271	3.02%						
Durham-Chapel Hill-Carrboro MPO	Ozone (1997), CO					\$ 2,377,986	\$ 2,421,517	\$ 2,377,986	\$ 2,421,517	No adjustments	C-5605
Durham County	Ozone (1997), CO	267,587	1.2	321,104	5.79%						
All Other Areas	Ozone (1997)	147,169	1.00	147,169	2.66%						
Kerr Tarr RPO	Ozone (1997)	107,840	1.00	107,840	1.95%	\$ 547,633	\$ 557,658	\$ 547,633	\$ 557,658	No adjustments	C-5610
Triangle RPO	Ozone (1997)	44,518	1.00	44,518	0.80%	\$ 226,071	\$ 230,210	\$ 226,071	\$ 230,210	No adjustments	C-5618
Totals		4,852,237		5,541,776	100%	\$ 46,903,743	\$ 47,762,353	\$ 46,903,743	\$ 47,762,353		

Footnotes:

1 Source - GIS Analysis of 2010 Census Population, 2010 Census Adjusted MPO & RPO Boundaries & EPA Pollutant Shapefiles

2 See "Table 2: SAFETEA-LU CMAQ Apportionment Factors " tab; Source - [http://www.fhwa.dot.gov/ENVIRonment/air\\_quality/cmaq/policy\\_and\\_guidance/2013\\_guidance/index.cfm](http://www.fhwa.dot.gov/ENVIRonment/air_quality/cmaq/policy_and_guidance/2013_guidance/index.cfm)

3 35% of NC CMAQ Apportionment, per NCDOT Guidelines

4 5% of NC CMAQ Apportionment, per NCDOT Guidelines

5 60% of NC CMAQ Apportionment, per NCDOT Guidelines

6 Per minimum CMAQ target allocation guidelines, a minimum yearly allocation will be guaranteed for any AQ region whose yearly allocation resulting from this formula is less than \$50,000 to ensure that each AQ region can program at least one

Updated 11/7/2016 (TCA)

## CMAQ Funding for FFY 2018 – FFY 2019 (from Terry Arellano, NCDOT)

**February 23, CMAQ Applications Due to Kerr-Tar for Prioritization & Evaluation**

<b>Projects to be Programmed in FFY 2018</b>		
MPO/RPO	Develop applications and submit to CMAQ website	March 15, 2017
TPB	Review project proposals	March 30, 2017
IRT	Conduct interagency review	April 30, 2017
TPB	Conducts follow-up coordination to address IRT comments/questions	May 31, 2017
TPB	Send letters of approval for final projects to MPOs/RPOs	June 30, 2017
MPO/RPO	Notify Local Project Sponsors of approval of final projects	At MPO/RPO discretion
TPB	Request funding set up in SAP	June 30, 2017
LPS	Project implementation – Request local agreement	July 1, 2017 – January 31, 2018
<b>Projects to be Programmed in FFY 2019</b>		
MPO/RPO	Develop applications and submit to CMAQ website	March 15, 2018
TPB	Review project proposals	March 30, 2018
IRT	Conduct interagency review	April 30, 2018
TPB	Conducts follow-up coordination to address IRT comments/questions	May 31, 2018
TPB	Send letters of approval for final projects to MPOs/RPOs	June 30, 2018
MPO/RPO	Notify Local Project Sponsors of approval of final projects	At MPO/RPO discretion
TPB	Request funding set up in SAP	June 30, 2018
LPS	Project implementation – Request local agreement	July 1, 2018 – January 31, 2019

*Note 1 - Requests that entail funding in both FFY 2018 and FFY 2019 would need to be submitted on FFY 2018 schedule*

**Acronyms:**

MPO/RPO – Eligible Metropolitan or Rural Planning Organization

TPB – NCDOT Transportation Planning Branch

IRT – Interagency Review Team (currently NCDOT, FHWA/FTA, EPA, NCDAQ)

LPS – Local Project Sponsor



# CMAQ PROJECT APPLICATION

FOR NCDOT USE ONLY

APP ID

STIP ID

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED.

## GENERAL PROJECT INFORMATION

### 1 SELECT CMAQ PROJECT TYPE

☐ STATEWIDE ☐ REGIONAL ☒ SUBREGIONAL

### 2 SELECT MPO/RPO(S)

<input type="checkbox"/> Burlington-Graham MPO	<input type="checkbox"/> Gaston-Cleveland-Lincoln MPO	<input type="checkbox"/> Land of Sky RPO	<input type="checkbox"/> Triangle RPO
<input type="checkbox"/> Cabarrus-Rowan MPO	<input type="checkbox"/> Greensboro MPO	<input type="checkbox"/> NW Piedmont RPO	<input type="checkbox"/> Unifour RPO
<input type="checkbox"/> Capital Area MPO	<input type="checkbox"/> Hickory MPO	<input type="checkbox"/> Rocky Mount MPO	<input type="checkbox"/> Upper Coastal Plain RPO
<input type="checkbox"/> Charlotte Regional TPO	<input type="checkbox"/> High Point MPO	<input type="checkbox"/> Rocky River RPO	<input type="checkbox"/> Winston-Salem MPO
<input type="checkbox"/> Durham-Chapel Hill-Carrboro MPO	<input checked="" type="checkbox"/> Kerr-Tar RPO	<input type="checkbox"/> Southwestern RPO	

### 3 PROJECT SPONSOR INFORMATION

Agency	CITY OF OXFORD		
Contact Name	CHERYL HART		
Contact Title	PLANNING DIRECTOR		
Address	PO BOX 1307, Oxford, NC 27565		
Telephone	+1 (919) 603-1117	Email Address	cheryl_hart@oxfordnc.org

### 4 PROJECT INFORMATION



Title	Industry Drive Sidewalk Project (Phase 3)
Description	<p>The City is very committed to improving walk-ability and air quality in Oxford. In the past couple of years, we have begun adding pedestrian infrastructure in the area where our largest need is: the southern part of the City on East Industry Dr. (where 8.5% of residents are without a vehicle). This is a documented MLI (Minority, Low-Income) community with critical need for safe connectivity to resources, surrounding institutions, shopping districts, employment centers, and downtown. New infrastructure in this area will also help to reduce vehicle trips along east Industry Drive by providing a safe alternative for residents in the downtown area to get to shopping, dining, and employment centers.</p> <p>Phase 1 (C-5569) is a 5' wide sidewalk that will begin at Raleigh St. on East Industry Drive (at the pedestrian bridge which crosses over I-85) and traverse westward for approximately 3660 linear feet (.7 mi) and ends at the western entrance of the Granville Corners Shopping Center. (This project is ready to be let for Construction.)</p> <p>Phase 2 (C-5610B) is a 5' wide facility that will pick up at the western entrance of the Granville Corners Shopping Center and continue westward for 3100 ft. along Industry Dr., ending at Coventry Dr. (This has received authorization to proceed with Design.)</p> <p><b>This CMAQ application is for Phase 3</b>, which will be a 5' wide sidewalk that will pick up where Phase 2 ends at Coventry Dr. and traverse westward toward US 15/Lewis Street (near our industrial employment district), adding 1300 linear ft. of new sidewalk to complete the Industry Drive Pedestrian Facility.</p> <p>This project includes Construction of a 5 ft. concrete sidewalk, multiple crosswalks, appurtenances, landscaping, and signage. Intersection improvements will include: <b>**Northwest Quadrant - 230' right turn taper with curb and gutter extending through the intersection radius; **Northwest quadrant - 230' right turn taper with Curb &amp; gutter in the intersection radius only; **Southwest Quadrant - 330' total length right turn lane with 150' of the length for the taper with Curb &amp; gutter the entire length to minimize impacts. We observed significant right turning traffic even in the off peak time we were there; **Southeast Quadrant - 230' right turn taper with curb &amp; gutter in the intersection radius only; and **Signal modification for pedestrian use and possible protected phase for left turn movements.</b></p> <p>Project Map Attached.</p>

Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stake holders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location.

## PROJECT COSTS & DELIVERY SCHEDULE

### 5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

- CMAQ projects are awarded by Federal Fiscal Years (FFY). FFY run from October 1st of the prior year through September 30th of the next year. For example, FFY 2016 runs from October 1, 2015 through September 30, 2016.
- Cost estimates should reflect anticipated inflation compounded annually at 5% from the current calendar year.
- Minimum 20% match is required for most projects. See 23 U.S.C. §120 paragraph (c) for listing of safety projects that may be funded at up to 100% Federal share.
- In the case of purchasing alternative fueled vehicles (AFV) for general governmental use, CMAQ funding is limited to the cost difference between standard and AFV vehicles. For example, a 2011 Ford Escape lists for \$27,000 and a 2011 Ford Escape Hybrid lists for \$33,000. The total CMAQ-eligible funding for purchase of this AFV would be: \$33,000 - \$27,000 = \$6,000 (subject to local match).

☐ Check box if this project is not typical 80/20 split

Phases(s)	CMAQ Amount	Matching Amount	Total	FFY
<input checked="" type="checkbox"/> Planning, Engineering & Design	\$40,000.00	\$10,625.00	\$50,625.00	2017
<input checked="" type="checkbox"/> Right-of-Way	\$20,000.00	\$5,000.00	\$25,000.00	2018
<input checked="" type="checkbox"/> Construction	\$210,000.00	\$51,875.00	\$261,875.00	2019
<input type="checkbox"/> Transit Operation				
<input type="checkbox"/> Transit Implementation				
<input type="checkbox"/> Non-transit Implementation				
<b>Project Total</b>	<b>\$270,000.00</b>	<b>\$67,500.00</b>	<b>\$337,500.00</b>	

### 6 ANTICIPATED PROJECT MILESTONE DATES

\* Milestone dates must coordinate with funding schedule in Section 5.

\* Planning & environmental document; plans, specifications & estimate package; and right of way certification must be complete prior to let date.

Milestone(s)	Month/Year
Planning & Environmental document to be complete:	July/ 2017
Plans, Specifications & Estimate package to be complete:	November/ 2017
Right-of-Way acquisition to begin:	December/ 2017
Anticipated let date (opening of bids):	June/ 2018

Milestone(s)	Month/Year
Anticipated completion date of project (including project close-out & reimbursement of all eligible expenses):	October / 2018
<b>7 LIST THE SOURCE(S) OF MATCHING FUNDS:</b>	
The matching funds will come from City of Oxford's General Fund.	
<b>8 TRANSIT START-UP INFORMATION</b>	
Operation assistance under CMAQ is intended to help start up viable new transportation services that will benefit air quality and eventually cover their own costs. This funding is limited to three years. Other funding sources should supplement & ultimately replace CMAQ funds for operation assistance. Briefly describe how funding will be secured to continue the program after year three. (ATTACH ADDITIONAL SHEET(S) IF NEEDED)	
<b>GENERAL PROJECT INFORMATION</b>	
<b>9 SELECT NC NONATTAINMENT/MAINTENANCE COUNTY(IES):</b>	
* Indicates partial county AQ designation	
<input type="checkbox"/> Cabarrus <input type="checkbox"/> Davidson <input type="checkbox"/> Edgecombe <input type="checkbox"/> Gaston <input type="checkbox"/> Haywood* <input type="checkbox"/> Lincoln <input type="checkbox"/> Orange <input type="checkbox"/> Swain* <input type="checkbox"/> Catawba <input type="checkbox"/> Davie <input type="checkbox"/> Forsyth <input checked="" type="checkbox"/> Granville <input type="checkbox"/> Iredell* <input type="checkbox"/> Mecklenburg <input type="checkbox"/> Person <input type="checkbox"/> Union <input type="checkbox"/> Chatham* <input type="checkbox"/> Durham <input type="checkbox"/> Franklin <input type="checkbox"/> Guilford <input type="checkbox"/> Johnston <input type="checkbox"/> Nash <input type="checkbox"/> Rowan <input type="checkbox"/> Wake	
<b>10 SELECT CMAQ-ELIGIBLE IMPROVEMENT TYPE (check all that apply):</b>	
<input type="checkbox"/> Transportation Control Measures	<input type="checkbox"/> Extreme Low-Temperature Cold Start Programs
<input type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Congestion Relief & Traffic Flow Improvements
<input type="checkbox"/> Transit Improvements	<input checked="" type="checkbox"/> Bicycle/Pedestrian Facilities & Programs
<input type="checkbox"/> Transportation Management Associations	<input type="checkbox"/> Carpooling & Vanpooling
<input type="checkbox"/> Freight/Intermodal	<input type="checkbox"/> Diesel Engine Retrofits
<input type="checkbox"/> Idle Reduction	<input type="checkbox"/> Training
<input type="checkbox"/> Travel Demand Management	<input type="checkbox"/> Public Education & Outreach Activities
<input type="checkbox"/> I/M Programs	<input type="checkbox"/> Experimental Pilot Projects
<b>11 IF TRANSPORTATION CONTROL METHOD, CHECK THE ALLOWABLE TYPE(S):</b>	
<input type="checkbox"/>	Programs/ordinances to facilitate non-automobile travel, provision/utilization of mass transit & general reduction of the need for SOV travel, as part of transportation planning & development efforts of a locality, including programs & ordinances applicable to new shopping centers, special events & other centers of vehicle activity
<input type="checkbox"/>	Programs for improved public transit
<input type="checkbox"/>	Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or HOV
<input type="checkbox"/>	Employer-based transportation management plans, including incentives
<input type="checkbox"/>	Trip-reduction ordinances
<input type="checkbox"/>	Traffic flow improvement programs that reduce emissions
<input type="checkbox"/>	Fringe & transportation corridor parking facilities serving multiple-occupancy vehicle programs or transit services
<input type="checkbox"/>	Multiple-occupancy vehicle programs or transit service
<input type="checkbox"/>	Programs to limit/restrict vehicle use in downtown areas/other areas of emission concentration during peak periods
<input type="checkbox"/>	Programs for the provision of all forms of high-occupancy, shared-ride services
<input type="checkbox"/>	Programs to limit portions of road surfaces/certain sections of metro area to the use of non-motorized vehicles or pedestrian
<input type="checkbox"/>	Programs for secure bicycle storage facilities & other facilities, including bicycle lanes in both public & private areas
<input type="checkbox"/>	Programs to control extended idling of vehicles
<input type="checkbox"/>	Reducing emissions from extreme cold-start conditions
<input type="checkbox"/>	Employer-sponsored programs to permit flexible work schedules
<input type="checkbox"/>	Public Education & Outreach Activities
<b>12 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED:</b>	

<input type="checkbox"/> New facilities associated with a service increase <input type="checkbox"/> Operating assistance for new service (limit three years)	<input type="checkbox"/> New vehicles used to expand the transit fleet <input type="checkbox"/> Fare subsidies as part of program to limit exceedances of NAAQS
---	--

**13 EMISSIONS REDUCTION CRITERIA**

**QUANTATIVE** analysis of air quality impacts is required for most project types. **QUALITATIVE** analysis is only allowable when it is not possible to accurately quantify emissions benefits, such as public education, marketing & other outreach efforts, which can include advertising alternatives to SOV travel, employer outreach & public education campaigns. The qualitative analysis should be based on a reasoned & logical determination that the project/program will decrease emissions & contribute to attainment or maintenance of NAAQS. The primary benefit of these activities enhanced communication & outreach that is expected to influence travel behavior & air quality.

• Indicate the type of analysis completed: ☒ Quantitative      ☐ Qualitative

For **QUANTATIVE** analyses, list the expected daily emissions **BEFORE** and **AFTER** project implementation:

Pollutant	Daily Emissions Before (kg)	Daily Emission After (kg)	Daily Emissions Reduction (kg)
Carbon Monoxide (CO)	55.67	52.88	2.79
Volatile Organic Compounds (VOC)	2.26	2.14	0.12
Oxides of Nitrogen (NOx)	7.32	6.96	0.36
Particulate Matter (PM2.5)	0.13	0.12	0.01
<b>Total Daily Emissions (kg)</b>	<b>65.38</b>	<b>62.1</b>	<b>3.28</b>

• Describe the method used to estimate the emissions reduction and show calculations:  
**(ATTACH ADDITIONAL SHEET(S) IF NEEDED)**  
 See Attached

**14 MISCELLANEOUS**

For construction of trails, has the Department of Interior been contacted	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Is the fare/fee subsidy program part of a broad program to reduce emissions	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Will the ITS project conform to the National ITS architecture	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A

**15 SUPPORTING INFORMATION CHECK LIST**

Check supporting information included as attachment(s) to this application:

<input checked="" type="checkbox"/>	MPO/RPO Support Resolution (Required for SUBREGIONAL proposals)
<input checked="" type="checkbox"/>	Additional project description and/or details
<input checked="" type="checkbox"/>	Map of general project location
<input checked="" type="checkbox"/>	Complete emissions calculations
<input checked="" type="checkbox"/>	Any assumptions used
<input type="checkbox"/>	Other, please specify:

**16 MPO/RPO PRIORITY INFORMATION**

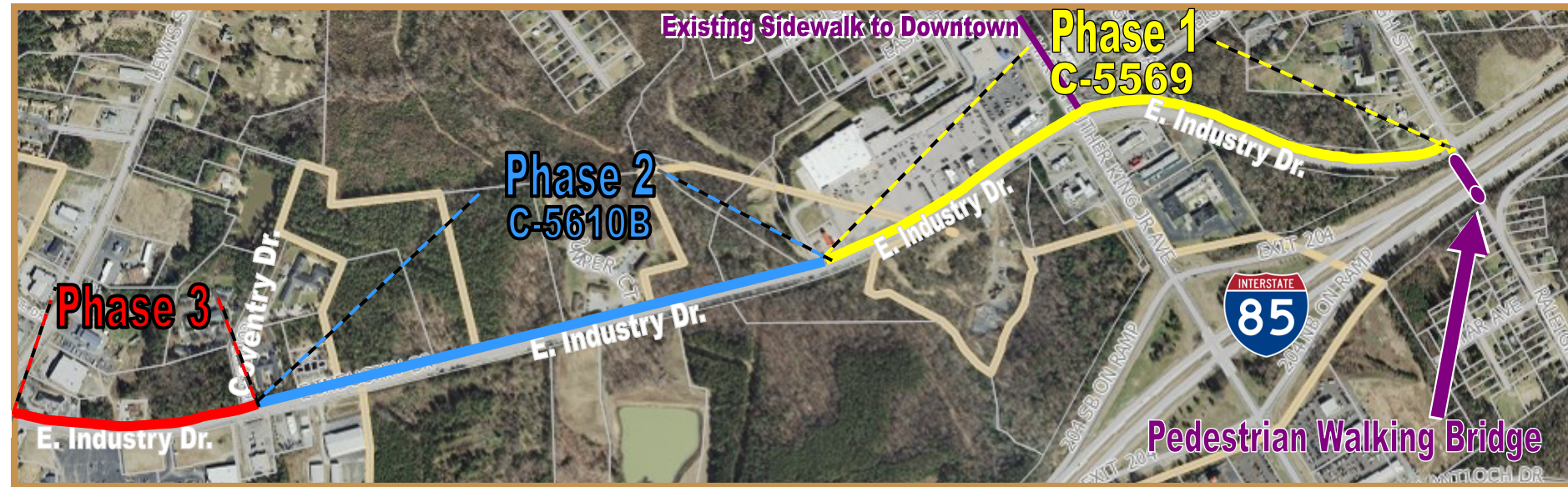
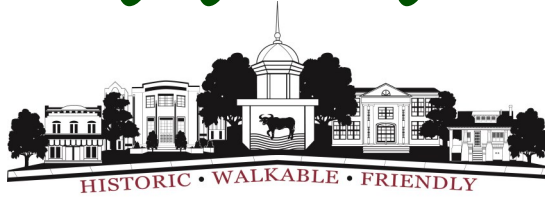
This project has been prioritized by the MPO/RPO and received the following ranking among all CMAQ requests (UNRANKED APPLICATIONS WILL NOT BE PROCESSED):

**17 SUBMIT**

1) SAVE APPLICATION AND ALL ATTACHMENTS IN A SINGLE PDF DOCUMENT  
 2) Upload application as single PDF document to CMAQ Sharepoint Website



# City of Oxford



## Industry Drive Sidewalk Network CMAQ Project Proposal Phase 3

Proposed project would extend the *Industry Drive Sidewalk Network*, building off of C-5569 and C-5610B to provide a safe alternative to cars in the southern portion of the City and connect residents with shopping, dining, employment centers, and other institutional districts, as well as connecting to the existing sidewalk that leads into downtown Oxford.





# Emissions Reduction Calculations Method

City of Oxford Sidewalk Extension: On Industry Drive (from Coventry Drive to US 15)

VMT: Mile Buffer and total VMT within the buffer area is counted

Emissions Factors: Granville County, FIPS Code 37077, Urban Unrestricted Access, Average Speed 42.5 mph <= speed <47.5

	Factor (g/mile)	Daily Emissions		
		Before (kg)	After (kg)	Reduction (kg)
VMT		17346	16479	867
CO	3.209287865	55.67	52.88	2.78
NO <sub>x</sub>	0.422071888	7.32	6.96	0.37
VOC	0.130046667	2.26	2.14	0.11
PM <sub>2.5</sub>	0.007574579	0.13	0.12	0.01

Weighted Lifetime Emissions Reduction: 23,814.33Kg

## **Assumptions:**

VMT: calculated using a ½ mile buffer of the project area and ADT counts of the road segments multiplied by the length of the road segments.

VMT Savings: 5% VMT is to be saved due to the proposed project.

Project Lifecycle: 20 years

Lifetime Pollutant Reduction: Calculated by adding the daily CO, NO<sub>x</sub>, and VOC reduction then multiplying by 365 and the 20 year life cycle.



OFFICE OF THE  
MAYOR

# City Of Oxford

February 8, 2017

Ms. Ann Stroobant  
Regional Planner  
Kerr Tar Council of Gov't  
PO Box 709  
Henderson NC 27536

RE: Cmaq funds for 2018


Dear Ms. Stroobant:

Please note that on November 8, 2016, the Oxford Board of Commissioners voted to support applying for cmaq funds for Phase III. The requested funds of \$270,000 will require a 20% match or \$67,500.

We are excited to be able to continue the sidewalk project from Coventry Drive down to the intersection of Lewis St & Industry Dr.

If you need additional information, please let us know.

Sincerely,



Jacqueline vdH Sergent  
Mayor of the City of Oxford



# CMAQ PROJECT APPLICATION

FOR NCDOT USE ONLY

APP ID

STIP ID

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED.

## GENERAL PROJECT INFORMATION

### 1 SELECT CMAQ PROJECT TYPE

☐ STATEWIDE ☐ REGIONAL ☒ SUBREGIONAL

### 2 SELECT MPO/RPO(S)

☐ Burlington-Graham MPO ☐ Gaston-Cleveland-Lincoln MPO ☐ Land of Sky RPO ☐ Triangle RPO  
☐ Cabarrus-Rowan MPO ☐ Greensboro MPO ☐ NW Piedmont RPO ☐ Unifour RPO  
☐ Capital Area MPO ☐ Hickory MPO ☐ Rocky Mount MPO ☐ Upper Coastal Plain RPO  
☐ Charlotte Regional TPO ☐ High Point MPO ☐ Rocky River RPO ☐ Winston-Salem MPO  
☐ Durham-Chapel Hill-Carrboro MPO ☒ Kerr-Tar RPO ☐ Southwestern RPO

### 3 PROJECT SPONSOR INFORMATION

Agency	Town of Stem		
Contact Name	Kevin Easter		
Contact Title	Commissioner		
Address	PO Box 88 Stem, NC 27581		
Telephone	+1 (919) 810-5841	Email Address	kevin.easter@stemnc.org

### 4 PROJECT INFORMATION

Title	Stem Core Sidewalk Project
Description	<p>The Town of Stem seeks to build 1300 feet of pedestrian facility along Tally Ho Street, Franklin Street, Main Street, and Creedmoor Road along with the appropriate crossing facilities at the intersections of these streets. These new facilities will enhance the ability of our residents to directly connect with a park, fire station, post office, Town Hall, and other commercial facilities.</p> <p>Project map attached.</p>

Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stake holders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location.

## PROJECT COSTS & DELIVERY SCHEDULE

### 5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

- CMAQ projects are awarded by Federal Fiscal Years (FFY). FFY run from October 1st of the prior year through September 30th of the next year. For example, FFY 2016 runs from October 1, 2015 through September 30, 2016.
- Cost estimates should reflect anticipated inflation compounded annually at 5% from the current calendar year.
- Minimum 20% match is required for most projects. See 23 U.S.C. §120 paragraph (c) for listing of safety projects that may be funded at up to 100% Federal share.
- In the case of purchasing alternative fueled vehicles (AFV) for general governmental use, CMAQ funding is limited to the cost difference between standard and AFV vehicles. For example, a 2011 Ford Escape lists for \$27,000 and a 2011 Ford Escape Hybrid lists for \$33,000. The total CMAQ-eligible funding for purchase of this AFV would be: \$33,000 - \$27,000 = \$6,000 (subject to local match).

☐ Check box if this project is not typical 80/20 split

Phases(s)	CMAQ Amount	Matching Amount	Total	FFY
<input checked="" type="checkbox"/> Planning, Engineering & Design	\$43,200.00	\$10,800.00	\$54,000.00	2018
<input checked="" type="checkbox"/> Right-of-Way	\$43,200.00	\$10,800.00	\$54,000.00	2018
<input checked="" type="checkbox"/> Construction	\$129,600.00	\$32,400.00	\$162,000.00	2019
<input type="checkbox"/> Transit Operation				
<input type="checkbox"/> Transit Implementation				
<input type="checkbox"/> Non-transit Implementation				
<b>Project Total</b>	<b>\$216,000.00</b>	<b>\$54,000.00</b>	<b>\$270,000.00</b>	

#### 6 ANTICIPATED PROJECT MILESTONE DATES

\* Milestone dates must coordinate with funding schedule in Section 5.

\* Planning & environmental document; plans, specifications & estimate package; and right of way certification must be complete prior to let date.

Milestone(s)	Month/Year
Planning & Environmental document to be complete:	January / 2018
Plans, Specifications & Estimate package to be complete:	April / 2018
Right-of-Way acquisition to begin:	May / 2018
Anticipated let date (opening of bids):	June / 2019
Anticipated completion date of project (including project close-out & reimbursement of all eligible expenses):	September / 2019

#### 7 LIST THE SOURCE(S) OF MATCHING FUNDS:

Town of Stem General Fund

#### 8 TRANSIT START-UP INFORMATION

Operation assistance under CMAQ is intended to help start up viable new transportation services that will benefit air quality and eventually cover their own costs. This funding is limited to three years. Other funding sources should supplement & ultimately replace CMAQ funds for operation assistance. Briefly describe how funding will be secured to continue the program after year three.

(ATTACH ADDITIONAL SHEET(S) IF NEEDED)

#### GENERAL PROJECT INFORMATION

#### 9 SELECT NC NONATTAINMENT/MAINTENANCE COUNTY(IES):

\* Indicates partial county AQ designation

<input type="checkbox"/> Cabarrus	<input type="checkbox"/> Davidson	<input type="checkbox"/> Edgecombe	<input type="checkbox"/> Gaston	<input type="checkbox"/> Haywood*	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Orange	<input type="checkbox"/> Swain*
<input type="checkbox"/> Catawba	<input type="checkbox"/> Davie	<input type="checkbox"/> Forsyth	<input checked="" type="checkbox"/> Granville	<input type="checkbox"/> Iredell*	<input type="checkbox"/> Mecklenburg	<input type="checkbox"/> Person	<input type="checkbox"/> Union
<input type="checkbox"/> Chatham*	<input type="checkbox"/> Durham	<input type="checkbox"/> Franklin	<input type="checkbox"/> Guilford	<input type="checkbox"/> Johnston	<input type="checkbox"/> Nash	<input type="checkbox"/> Rowan	<input type="checkbox"/> Wake

#### 10 SELECT CMAQ-ELIGIBLE IMPROVEMENT TYPE (check all that apply):

<input type="checkbox"/> Transportation Control Measures	<input type="checkbox"/> Extreme Low-Temperature Cold Start Programs
<input type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Congestion Relief & Traffic Flow Improvements
<input type="checkbox"/> Transit Improvements	<input checked="" type="checkbox"/> Bicycle/Pedestrian Facilities & Programs
<input type="checkbox"/> Transportation Management Associations	<input type="checkbox"/> Carpooling & Vanpooling
<input type="checkbox"/> Freight/Intermodal	<input type="checkbox"/> Diesel Engine Retrofits
<input type="checkbox"/> Idle Reduction	<input type="checkbox"/> Training
<input type="checkbox"/> Travel Demand Management	<input type="checkbox"/> Public Education & Outreach Activities
<input type="checkbox"/> I/M Programs	<input type="checkbox"/> Experimental Pilot Projects

#### 11 IF TRANSPORTATION CONTROL METHOD, CHECK THE ALLOWABLE TYPE(S):

<input type="checkbox"/> Programs/ordinances to facilitate non-automobile travel, provision/utilization of mass transit & general reduction of the need for SOV travel, as part of transportation planning & development efforts of a locality, including programs & ordinances applicable to new shopping centers, special events & other centers of vehicle activity
<input type="checkbox"/> Programs for improved public transit
<input type="checkbox"/> Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or HOV



<input type="checkbox"/>	Employer-based transportation management plans, including incentives
<input type="checkbox"/>	Trip-reduction ordinances
<input type="checkbox"/>	Traffic flow improvement programs that reduce emissions
<input type="checkbox"/>	Fringe & transportation corridor parking facilities serving multiple-occupancy vehicle programs or transit services
<input type="checkbox"/>	Multiple-occupancy vehicle programs or transit service
<input type="checkbox"/>	Programs to limit/restrict vehicle use in downtown areas/other areas of emission concentration during peak periods
<input type="checkbox"/>	Programs for the provision of all forms of high-occupancy, shared-ride services
<input type="checkbox"/>	Programs to limit portions of road surfaces/certain sections of metro area to the use of non-motorized vehicles or pedestrian
<input type="checkbox"/>	Programs for secure bicycle storage facilities & other facilities, including bicycle lanes in both public & private areas
<input type="checkbox"/>	Programs to control extended idling of vehicles
<input type="checkbox"/>	Reducing emissions from extreme cold-start conditions
<input type="checkbox"/>	Employer-sponsored programs to permit flexible work schedules
<input type="checkbox"/>	Public Education & Outreach Activities

**12 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED:**

<input type="checkbox"/> New facilities associated with a service increase	<input type="checkbox"/> New vehicles used to expand the transit fleet
<input type="checkbox"/> Operating assistance for new service (limit three years)	<input type="checkbox"/> Fare subsidies as part of program to limit exceedances of NAAQS

**13 EMISSIONS REDUCTION CRITERIA**

**QUANTATIVE** analysis of air quality impacts is required for most project types. **QUALITATIVE** analysis is only allowable when it is not possible to accurately quantify emissions benefits, such as public education, marketing & other outreach efforts, which can include advertising alternatives to SOV travel, employer outreach & public education campaigns. The qualitative analysis should be based on a reasoned & logical determination that the project/program will decrease emissions & contribute to attainment or maintenance of NAAQS. The primary benefit of these activities enhanced communication & outreach that is expected to influence travel behavior & air quality.

• Indicate the type of analysis completed: ☒ Quantitative ☐ Qualitative

**For QUANTATIVE analyses, list the expected daily emissions BEFORE and AFTER project implementation:**

Pollutant	Daily Emissions Before (kg)	Daily Emission After (kg)	Daily Emissions Reduction (kg)
Carbon Monoxide (CO)	19.9299	18.9334	0.9965
Volatile Organic Compounds (VOC)	0.8076	0.7672	0.0404
Oxides of Nitrogen (NOx)	2.6211	2.49	0.1311
Particulate Matter (PM2.5)	0.047	0.0447	0.0023
<b>Total Daily Emissions (kg)</b>	<b>23.4056</b>	<b>22.2353</b>	<b>1.1703</b>

• Describe the method used to estimate the emissions reduction and show calculations:  
(ATTACH ADDITIONAL SHEET(S) IF NEEDED)

See attached

**14 MISCELLANEOUS**

For construction of trails, has the Department of Interior been contacted	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Is the fare/fee subsidy program part of a broad program to reduce emissions	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Will the ITS project conform to the National ITS architecture	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A

**15 SUPPORTING INFORMATION CHECK LIST**

**Check supporting information included as attachment(s) to this application:**

<input checked="" type="checkbox"/>	MPO/RPO Support Resolution (Required for SUBREGIONAL proposals)
<input checked="" type="checkbox"/>	Additional project description and/or details
<input checked="" type="checkbox"/>	Map of general project location
<input checked="" type="checkbox"/>	Complete emissions calculations
<input checked="" type="checkbox"/>	Any assumptions used

☐ Other, please specify:

**16 MPO/RPO PRIORITY INFORMATION**

This project has been prioritized by the MPO/RPO and received the following ranking among all CMAQ requests (UNRANKED APPLICATIONS WILL NOT BE PROCESSED):

**17 SUBMIT**

- 1) SAVE APPLICATION AND ALL ATTACHMENTS IN A SINGLE PDF DOCUMENT
- 2) Upload application as single PDF document to CMAQ Sharepoint Website



## Project Map



## Additional Project Description

The project seeks to enhance the ability of the residents of Stem to connect to the points of interest in the town without the need to drive to each individually. These points of interest include the three commercial facilities, the town hall, the town post office, a park, and the fire station (which is also the town polling location).

Approximately 1,300 feet of pedestrian path is planned.



**Town of Stem Downtown Sidewalks Emissions Reduction Calculations:**

VMT: ½ Mile Buffer and total VMT within the buffer area is counted

Emissions Factors: Granville County, FIPS Code 37077, Urban Unrestricted Access, Average Speed 42.5 mph <= speed <47.5

	Factor (g/mile)	Daily Emissions		
		Before (kg)	After (kg)	Reduction (kg)
VMT		6210	5900	311
CO	3.209287865	19.93	18.93	1.00
NOx	0.422071888	2.62	2.49	0.13
VOC	0.130046667	0.81	0.77	0.04
PM2.5	0.007574579	0.05	0.05	0.002

Weighted Lifetime Emissions Reduction: 8525.87Kg

**Assumptions:**

VMT: calculated using a ½ mile buffer of the project area and ADT counts of the road segments multiplied by the length of the road segments.

VMT Savings: 5% VMT is to be saved due to the proposed project.

Project Lifecycle: 20 years

Lifetime Pollutant Reduction: Calculated by adding the daily CO, NOx, and VOC reduction then multiplying by 365 and the 20 year life cycle.



## TOWN OF STEM

PO Box 53  
Stem, NC 27581

February 20, 2017

Ms. Ann Stroobant  
Regional Planner  
Kerr Tar Council of Gov't  
PO Box 709  
Henderson, NC 27536

RE: CMAQ Funding Proposal

Ms. Stroobant:

On February 20, 2017 the Stem Board of Commissioners voted to support applying for CMAQ funding and approve the town's 20% matching commitment. The total amount of the proposal is \$270,000 and the town's 20% matching commitment will be \$54,000.

We are excited to begin our pedestrian plan and create sidewalks in our downtown area.

Please let us know if you have any questions.

*Renee Green / Mayor*



# CMAQ PROJECT APPLICATION

FOR NCDOT USE ONLY	
APP ID	STIP ID
	C-5569

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED.

## GENERAL PROJECT INFORMATION

### 1 SELECT CMAQ PROJECT TYPE

☐ STATEWIDE ☐ REGIONAL ☒ SUBREGIONAL

### 2 SELECT MPO/RPO(S)

<input type="checkbox"/> Burlington-Graham MPO	<input type="checkbox"/> Hickory MPO	<input type="checkbox"/> NW Piedmont RPO	<input type="checkbox"/> Unifour RPO
<input type="checkbox"/> Cabbarus-Rowan MPO	<input type="checkbox"/> High Point MPO	<input type="checkbox"/> Piedmont Triad RPO	<input type="checkbox"/> Upper Coastal Plain RPO
<input type="checkbox"/> Capital Area MPO	<input checked="" type="checkbox"/> Kerr-Tar RPO	<input type="checkbox"/> Rocky Mount MPO	<input type="checkbox"/> Winston-Salem MPO
<input type="checkbox"/> Durham-Chappel Hill-Carrboro MPO	<input type="checkbox"/> Lake Norman RPO	<input type="checkbox"/> Rocky River RPO	
<input type="checkbox"/> Gaston MPO	<input type="checkbox"/> Land of Sky RPO	<input type="checkbox"/> Southwestern RPO	
<input type="checkbox"/> Greensboro MPO	<input type="checkbox"/> Mecklenburg Union MPO	<input type="checkbox"/> Triangle RPO	

### 3 PROJECT SPONSOR INFORMATION

Agency :	City of Oxford	Mail Agreement to:
Contact Name :	Cheryl Hart	Mike Ciriello, Director
Address :	PO Box 1307 Oxford NC 27565	Planning Department
Telephone :	919-603-1117	Kerr-Tar Regional Council of Gov's
Email Address :	cheryl_hart@oxfordnc.org	

### 4 PROJECT INFORMATION

Henderson, NC 27536

Title : CMAQ Grant for Industry Drive

Description : The CMAQ grant will provide for pedestrian cross walk enhancement at the intersection of Linden Ave. and Industry Drive. Also, a sidewalk will begin on Industry Drive at Coventry Drive, connecting the commercial area to the the walking bridge over I-85 on Raleigh Street that provides pedestrian access to south Oxford. The project will facilitate pedestrian mobility for the citizens of Oxford in a commercial area of the city. This project is very much needed to provide a designated place for the approximately 710 residents a safe way to walk to work and the shopping areas in the proposed area.

Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stake holders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location.

## PROJECT COSTS & DELIVERY SCHEDULE

### 5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

- CMAQ projects are awarded by Federal Fiscal Years (FFY). FFY run from October 1st of the prior year through September 30th of the next year. For example, FFY 2016 runs from October 1, 2015 through September 30, 2016.
- Cost estimates should reflect anticipated inflation compounded annually at 5% from the current calendar year.
- Minimum 20% match is required for most projects. See 23 U.S.C. §120 paragraph (c) for listing of safety projects that may be funded at up to 100% Federal share.
- In the case of purchasing alternative fueled vehicles (AFV) for general governmental use, CMAQ funding is limited to the cost difference between standard and AFV vehicles. For example, a 2011 Ford Escape lists for \$27,000 and a 2011 Ford Escape Hybrid lists for \$33,000. The total CMAQ-eligible funding for purchase of this AFV would be: \$33,000 - \$27,000 = \$6,000 (subject to local match).

☐ Check box if this project is not typical 80/20 split

Phases(s)	CMAQ \$	Matching \$	Total \$	FFY 2016	FFY 2017
<input checked="" type="checkbox"/> Planning, Engineering & Design	\$36,000.00	\$9,000.00	\$45,000.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Right-of-Way	\$20,000.00	\$5,000.00	\$25,000.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Construction	\$184,000.00	\$46,000.00	\$230,000.00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Transit Operation				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Transit Implementation				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Non-transit Implementation				<input type="checkbox"/>	<input type="checkbox"/>
<b>Project Total</b>	<b>\$240,000.00</b>	<b>\$60,000.00</b>	<b>\$300,000.00</b>		

#### 6 ANTICIPATED PROJECT MILESTONE DATES

- Milestone dates must coordinate with funding schedule in Section 5.
- Planning & environmental document; plans, specifications & estimate package; and right of way certification must be complete prior to let date.

	Month/Year
• Planning & Environmental document to be complete:	Jul 31, 2014
• Plans, Specifications & Estimate package to be complete:	Jul 31, 2014
• Right-of-Way acquisition to begin:	Aug 1, 2014
• Anticipated let date (opening of bids):	Mar 31, 2015
• Anticipated completion date of project (including project close-out & reimbursement of all eligible expenses):	Nov 30, 2015

#### 7 LIST THE SOURCE(S) OF MATCHING FUNDS:

City of Oxford and Granville County General Funds

#### 8 TRANSIT START-UP INFORMATION

Operation assistance under CMAQ is intended to help start up viable new transportation services that will benefit air quality and eventually cover their own costs. This funding is limited to three years. Other funding sources should supplement & ultimately replace CMAQ funds for operation assistance. Briefly describe how funding will be secured to continue the program after year three. (ATTACH ADDITIONAL SHEET(S) IF NEEDED)

#### GENERAL PROJECT INFORMATION

#### 9 SELECT NC NONATTAINMENT/MAINTENANCE COUNTY(IES):

<input type="checkbox"/> Cabarrus	<input type="checkbox"/> Davidson	<input type="checkbox"/> Edgecombe	<input type="checkbox"/> Gaston	<input type="checkbox"/> Haywood*	<input type="checkbox"/> Lincoln	<input type="checkbox"/> orange	<input type="checkbox"/> Swain*
<input type="checkbox"/> Catawba	<input type="checkbox"/> Davie	<input type="checkbox"/> Forsyth	<input checked="" type="checkbox"/> Granville	<input type="checkbox"/> Iredell*	<input type="checkbox"/> Mecklenburg	<input type="checkbox"/> Person	<input type="checkbox"/> Union
<input type="checkbox"/> Chatham*	<input type="checkbox"/> Durham	<input type="checkbox"/> Franklin	<input type="checkbox"/> Guilford	<input type="checkbox"/> Johnston	<input type="checkbox"/> Nash	<input type="checkbox"/> Rowan	<input type="checkbox"/> Wake

\*Indicates partial county AQ designation

#### 10 SELECT CMAQ-ELIGIBLE IMPROVEMENT TYPE (check all that apply):

<input type="checkbox"/> Transportation Control Measures	<input type="checkbox"/> Extreme Low-Temperature Cold Start Programs
<input type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Congestion Relief & Traffic Flow Improvements
<input type="checkbox"/> Transit Improvements	<input checked="" type="checkbox"/> Bicycle/Pedestrian Facilities & Programs
<input type="checkbox"/> Transportation Management Associations	<input type="checkbox"/> Carpooling & Vanpooling
<input type="checkbox"/> Freight/Intermodal	<input type="checkbox"/> Diesel Engine Retrofits
<input type="checkbox"/> Idle Reduction	<input type="checkbox"/> Training
<input type="checkbox"/> Travel Demand Management	<input type="checkbox"/> Public Education & Outreach Activities
<input type="checkbox"/> I/M Programs	<input type="checkbox"/> Experimental Pilot Projects

#### 11 IF TRANSPORTATION CONTROL METHOD, CHECK THE ALLOWABLE TYPE(S):

- Programs/ordinances to facilitate non-automobile travel, provision/utilization of mass transit & general reduction of the need for
- ☐ SOV travel, as part of transportation planning & development efforts of a locality, including programs & ordinances applicable to new shopping centers, special events & other centers of vehicle activity
  - ☐ Programs for improved public transit
  - ☐ Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or HOV

<input type="checkbox"/> Employer-based transportation management plans, including incentives <input type="checkbox"/> Trip-reduction ordinances <input type="checkbox"/> Traffic flow improvement programs that reduce emissions <input type="checkbox"/> Fringe & transportation corridor parking facilities serving multiple-occupancy vehicle programs or transit services <input type="checkbox"/> Multiple-occupancy vehicle programs or transit service <input type="checkbox"/> Programs to limit/restrict vehicle use in downtown areas/other areas of emission concentration during peak periods <input type="checkbox"/> Programs for the provision of all forms of high-occupancy, shared-ride services <input type="checkbox"/> Programs to limit portions of road surfaces/certain sections of metro area to the use of non-motorized vehicles or pedestrian <input type="checkbox"/> Programs for secure bicycle storage facilities & other facilities, including bicycle lanes in both public & private areas <input type="checkbox"/> Programs to control extended idling of vehicles <input type="checkbox"/> Reducing emissions from extreme cold-start conditions <input type="checkbox"/> Employer-sponsored programs to permit flexible work schedules <input type="checkbox"/> Public Education & Outreach Activities
--

## 12 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED:

<input type="checkbox"/> New facilities associated with a service increase <input type="checkbox"/> Operating assistance for new service (limit three years)	<input type="checkbox"/> New vehicles used to expand the transit fleet <input type="checkbox"/> Fare subsidies as part of program to limit exceedances of NAAQS
---	--

## 13 EMISSIONS REDUCTION CRITERIA

**QUANTATIVE** analysis of air quality impacts is required for most project types. **QUALITATIVE** analysis is only allowable when it is not possible to accurately quantify emissions benefits, such as public education, marketing & other outreach efforts, which can include advertising alternatives to SOV travel, employer outreach & public education campaigns. The qualitative analysis should be based on a reasoned & logical determination that the project/program will decrease emissions & contribute to attainment or maintenance of NAAQS. The primary benefit of these activities enhanced communication & outreach that is expected to influence travel behavior & air quality.

• Indicate the type of analysis completed: ☒ **QUANTITATIVE** ☐ **QUALITATIVE**

• Describe the method used to estimate the emissions reduction and show calculations:  
(ATTACH ADDITIONAL SHEET(S) IF NEEDED)

The process to estimate emissions reductions included:

1. Detailed review of land uses including estimates of numbers of employees, users, occupants.
2. Development of key assumptions of existing VMT to include trips to and from work and other commercial uses.
3. Calculations of daily emissions before and after.
4. Calculations of daily emission reductions.

Please see the attached worksheet entitled "Vehicle Emissions Reduction Worksheet" for detailed information about assumptions and calculations used to determine the anticipated emissions reduction. Population and jobs data was obtained from the United States Census Bureau and the City of Oxford Planning Department.

For **QUANTITATIVE** analyses, list the expected daily emissions **BEFORE** and **AFTER** project implementation:

<u>Pollutant</u>	<u>Daily Emissions Before (kg)</u>	<u>Daily Emission After (kg)</u>	<u>Daily Emissions Reduction (kg)</u>
Carbon Monoxide (CO)	40.53	38.65	1.88
Volatile Organic Compounds (VOC)	1.86	1.77	0.09
Oxides of Nitrogen (NOx)	1.41	1.34	0.07
<b>Total</b>	<b>43.8</b>	<b>41.76</b>	<b>2.04</b>

## 14 MISCELLANEOUS

- |  |                              |                             |   |
|--|------------------------------|-----------------------------|---|
| • For construction of trails, has the Department of Interior been contacted?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| • Is the fare/fee subsidy program part of a broad program to reduce emissions? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| • Will the ITS project conform to the National ITS architecture?               | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |

## 15 SUPPORTING INFORMATION CHECK LIST

Check supporting information included as attachment(s) to this application:

- ☒ MPO/RPO Support Resolution (Required for SUBREGIONAL proposals)
- ☒ Additional project description and/or details
- ☒ Map of general project location
- ☒ Complete emissions calculations
- ☒ Any assumptions used
- ☒ Other, please specify:  
Granville Greenways Letter of Support



<b>16 MPO/RPO PRIORITY INFORMATION</b>	
This project has been prioritized by the MPO/RPO and received the following ranking among all CMAQ requests (UNRANKED APPLICATIONS WILL NOT BE PROCESSED):	4
<b>17 SUBMIT APPLICATION</b>	
<ul style="list-style-type: none"><li>• SAVE APPLICATION AND ALL ATTACHMENTS IN A SINGLE PDF DOCUMENT</li><li>• ENTER APPROPRIATE PROPOSAL DETAILS AND UPLOAD PDF APPLICATION IN PARTNER CONNECT BY OCTOBER 31, 2011</li></ul>	

**Vehicle Emissions Reductions Worksheet**  
**Industry Drive Sidewalk: City of Oxford, North Carolina**

**Assumptions:**

**Uses within corridor:**

Commercial (jobs)	565	Commercial Development along NC96 and Industry Drive
Institutional (jobs)	35	Housing Authority and Children's Home Employees
<b>Jobs Total</b>	<b>600</b>	
<b>Residential Total</b>	<b>710</b>	Apartment complex and single family developments adjacent to the proposed sidewalk system
<b>TOTAL</b>	<b>1310</b>	

**Trips generated within corridor:**

Work Trips	1200 /day	Total trips generated by all employees working within the corridor
Commercial Use Trips (jobs)	180 /day	Assume 15% of workers use commercial on Industry Drive
Commercial Use Trips	1420 /day	Variety of commercial uses includes grocery, restaurants, shops, etc.
<b>TOTAL TRIPS</b>	<b>2800 /day</b>	All trips, all uses through corridor

Average Trip Distance	1.5 miles	Assuming movement within the corridor
Vehicle Classification	LDGV	
Road Classification	Urban Local	
Average Speed of Commute	38 mph	
CO Reduction Factor	9.65 grams/mile	
VOC Reduction Factor	0.443 grams/mile	
NOX Reduction Factor	0.335 grams/mile	

**Trip Reduction Factors:**

(% generated within corridor / expected greenway use)

Work Trips	60 /day	25% / 20%
Commercial Use Trips (jobs)	27 /day	100% / 15%
Commercial Use Trips	43 /day	20% / 15%
<b>TOTAL TRIPS</b>	<b>130 /day</b>	All trips, all uses through corridor

**Reduction Calculations**

Estimated Reduction in VMT                      195 Miles

Daily Emissions	Before:	Reduction:	After:	%Difference
CO Emissions:	40.53 kg/day	1.88 kg/day	38.65 kg/day	4.64%
VOC Emissions	1.86 kg/day	0.09 kg/day	1.77 kg/day	4.84%
NOX Emissions	1.41 kg/day	0.07 kg/day	1.34 kg/day	4.96%
<b>TOTAL Emissions</b>	<b>43.80 kg/day</b>	<b>2.04 kg/day</b>	<b>41.76 kg/day</b>	<b>4.66%</b>

**Annual Emissions Reductions:**

Estimated total work days:	342 days	Mixed uses and flex schedule employment translates to non-traditional workdays based on known weather patterns
Estimated % of Usable Days:	80%	
Annual Reduction in VMT:	53352 Miles	
Annual Emissions Reduction:	558.1 kg	
Project Cost:	\$300,000	
BCR:	1.86	



**KERR-TAR RURAL PLANNING ORGANIZATION (RPO)**  
*Resolution Endorsing Candidate City of Oxford CMAQ Project Proposals*

**WHEREAS**, the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA) (Public Law 109-59, August 10, 2005) continues the Congestion Mitigation and Air Quality Improvement Program (CMAQ) (23 U.S.C. § 149); and,

**WHEREAS**, CMAQ is a Federal program that funds transportation projects and programs in air quality nonattainment and maintenance areas to help achieve and maintain national standards for pollutants; and,

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) administers the CMAQ program on behalf of non-attainment and maintenance areas within North Carolina; and,

**WHEREAS**, the Kerr-Tar RPO has administered a CMAQ project selection process among the local area jurisdictions in air quality non-attainment and maintenance counties of Franklin, Granville, and Person; and,

**WHEREAS**, the resulting candidate project proposals meet the requirements of CMAQ and the guidelines established by NCDOT to administer the program;

**NOW THEREFORE**, be it resolved that by the Kerr-Tar RPO endorses the CMAQ application by the City of Oxford to help complete the pedestrian links and pedestrian crossings along Industry Drive to the commercial area at NC96.

A blue ink signature of James D. O'Geary, written in a cursive style.

Mayor James D. O'Geary, Chairman, Transportation Advisory Committee

A black ink signature of Mike Ciriello, written in a cursive style.

Mike Ciriello, Secretary, Transportation Advisory Committee



# COUNTY OF GRANVILLE, NORTH CAROLINA

122 Williamsboro Street • Post Office Box 877 • Oxford, North Carolina 27565

Granville County Development Services  
Planning (919) 603-1331  
Inspections (919) 603-1326  
Construction Administration (919) 603-1425  
Fax (919) 693-6794



November 26, 2012

Ms. Terry Arellano, PE  
Systems Planning Group Supervisor  
NCDOT Planning Branch  
1554 Mail Service Center

Re: City of Oxford CMAQ application

Dear Ms. Arellano:

The Granville Greenways Program would like to express our support for the City of Oxford's application for Congestion Mitigation and Air Quality (CMAQ) funding. The project will encourage the citizens in Oxford and Granville County to use an alternative form of transportation, thus reducing vehicle emissions. Granville County is a non-attainment County, and we are very concerned with improving air quality.

This project will provide our citizens with a new facility that enhances the current sidewalk system in the City of Oxford. This project is also in line with the Granville Greenway Master Plan, The City of Oxford Pedestrian Plan, and our Comprehensive Transportation Plan.

Sincerely,

Justin Jorgensen  
Granville County Transportation Planner

cc: Mike Ciriello, Kerr-Tar RPO Planning Director  
Cheryl Hart, Planning Director, City of Oxford  
Granville Greenways Technical Committee  
Granville Greenways Advisory Council



# Proposed City of Oxford CMAQ Sidewalk Project

 Proposed CMAQ Sidewalk

 Pedestrian Intersection Enhancements







OFFICE OF  
PLANNING DIRECTOR

# City Of Oxford

November 10, 2014

Terry C. Arellano, PE  
Systems Planning Group Supervisor  
NCDOT Transportation Planning Branch

RE: CMAQ Project- C5569

Dear Mrs. Arellano:

Please note that I am enclosing information regarding the change of scope to the above referenced CMAQ Project. The previous approved application involved providing a sidewalk on Industry at the walking bridge over I-85 on Raleigh Street down to Coventry Dr. Due to the fact that the construction cost is twice as than the budgeted amount, the project will begin on Industry Dr. at the walking bridge, cross over Linden Ave. (intersection) and go down to the end of the shopping area. The total distance of the project is about 0.98 miles. The project will still facilitate pedestrian mobility for the citizens of Oxford in a commercial area of the city. This project is very much needed to provide for the approximately 520 residents a safe way to walk to work and the shopping areas in the proposed area.

Along with this this letter is the Vehicle Emissions Reductions worksheet. Please let me know if further information is needed and thank you for your consideration.

Sincerely,

Cheryl Hat

Vehicle Emissions Reductions Worksheet  
Industry Drive Sidewalk: City of Oxford, North Carolina

**Assumptions:**

Uses within corridor:

Commercial (jobs)	565	Commercial Development along NC96 and Industry Drive
Institutional (jobs)	35	Housing Authority and Children's Home Employees
Jobs Total	600	
Residential Total	520	Apartment complex and single family developments adjacent to the proposed sidewalk system
TOTAL	1120	

Trips generated within corridor:

Work Trips	1200 /day	Total trips generated by all employees working within the corridor
Commercial Use Trips (jobs)	180 /day	Assume 15% of workers use commercial on Industry Drive
Commercial Use Trips	1040 /day	Variety of commercial uses includes grocery, restaurants, shops, etc.
TOTAL TRIPS	2420 /day	All trips, all uses through corridor

Average Trip Distance	1.0 miles	Assuming movement within the corridor
Vehicle Classification	LDGV	
Road Classification	Urban Local	
Average Speed of Commute	38 mph	
CO Reduction Factor	9.65 grams/mile	
VOC Reduction Factor	0.443 grams/mile	
NOX Reduction Factor	0.335 grams/mile	

**Trip Reduction Factors:**

		(% generated within corridor / expected sidewalk use)
Work Trips	60 /day	25% / 20%
Commercial Use Trips (jobs)	27 /day	100% / 15%
Commercial Use Trips	31 /day	20% / 15%
TOTAL TRIPS	118 /day	All trips, all uses through corridor

**Reduction Calculations**

Estimated Reduction in VMT                      118 Miles

Daily Emissions	Before:	Reduction:	After:	%Difference
CO Emissions:	23.35 kg/day	1.14 kg/day	22.21 kg/day	4.88%
VOC Emissions	1.07 kg/day	0.05 kg/day	1.02 kg/day	4.67%
NOX Emissions	0.81 kg/day	0.04 kg/day	0.77 kg/day	4.94%
TOTAL Emissions	25.23 kg/day	1.23 kg/day	24.00 kg/day	4.88%

**Annual Emissions Reductions:**

Estimated total work days:	342 days	Mixed uses and flex schedule employment translates to non-traditional workdays based on known weather patterns
Estimated % of Usable Days:	80%	
Annual Reduction in VMT:	32285 Miles	
Annual Emissions Reduction:	336.5 kg	
Project Cost:	\$300,000	
BCR:	1.12	



# Proposed City of Oxford CMAQ Sidewalk Project

 Proposed CMAQ Sidewalk

 Pedestrian Intersection Enhancements







February 23, 2017

Ann Stroobant  
Regional Planner and RPO Coordinator  
Kerr-Tarr Regional Council of Governments  
PO Box 709  
Henderson NC 27536

Re: C-5569

Dear Ms. Stroobant:

As I've shared with you, Oxford is facing challenges with the above referenced project. We recently received bids that came in at \$100,000 over budget. The City of Oxford is very committed to this project and exploring all options in moving forward. We are seeking to rebid and solicit more contractors to bid in order to make it more competitive. We are also looking over some of the design and seeing if anything can be substituted to make it more cost efficient as well.

I am respectfully asking that Oxford be considered for any remaining CMAQ funds for FFY 18 in the amount not to exceed \$80,000 in cmaq funds with Oxford providing the 20% match or \$20,000.

If you need additional information, please do not hesitate to call me at 919-603-1117.

Thank you for your consideration on this matter.

Sincerely,

Cheryl Hart  
Planning Director



***Kerr-Tar Regional Planning Organization (RPO)  
Resolution Endorsing Candidate CMAQ Project Proposals***

**WHEREAS**, the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA) (Public Law 109-59, August 10, 2005) continues the Congestion Mitigation and Air Quality Improvement Program (CMAQ) (23 U.S.C. § 149); and

**WHEREAS**, CMAQ is a Federal program that funds transportation projects and programs in air quality nonattainment and maintenance areas to help achieve and maintain national standards for pollutants; and

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) administers the CMAQ program on behalf of non-attainment and maintenance areas within North Carolina; and

**WHEREAS**, the Kerr-Tar Regional Planning Organization (RPO) has administered a CMAQ project selection process among local area jurisdictions in air quality non-attainment and maintenance counties; and

**WHEREAS**, the resulting candidate project proposals meet the requirements of CMAQ and the guidelines established by NCDOT to administer the program;

**WHEREAS**, upon approval of the candidate project proposals for CMAQ funding by the NCDOT, the Kerr-Tar Regional Planning Organization (RPO) will amend its Long-Range Transportation Plan

**NOW THEREFORE**, be it resolved that the Kerr-Tar Regional Planning Organization (RPO) endorses the attached proposed CMAQ candidate project applications by the City of Oxford-Industry Drive Sidewalk Project (Phase 3), the Town of Stem-Stem Core Sidewalk Project and additional funding for the City of Oxford CMAQ project C-5569 for the remaining (not to exceed \$80,000) FFY CMAQ funds.

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Commissioner Jimmy Clayton, Chairman, Transportation Advisory Committee

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Ann Stroobant, Secretary, Technical Coordinating Committee

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Date



# The 2020 Census Local Update of Census Addresses (LUCA) Operation

## What is LUCA?

LUCA is the only opportunity offered to tribal, state, and local governments to review and comment on the U.S. Census Bureau's residential address list for their jurisdiction prior to the 2020 Census. The Census Bureau relies on a complete and accurate address list to reach every living quarters and associated population for inclusion in the census.



## Why participate in LUCA?

- To help ensure an accurate decennial census count in your community.
- To help the federal government distribute more than \$400 billion in funds annually for infrastructure, programs, and services.
- To help your community plan for future needs.

## Who can participate in LUCA?

Active, functioning, legal governments can participate in LUCA. These include:

- Federally recognized tribes with a reservation and/or off-reservation trust lands.
- States.
- Counties.
- Cities (incorporated places).
- Townships (minor civil divisions).

If you are unable to participate in LUCA, you may designate an alternate reviewer for your government, such as your county, state data center, or regional planning agency.

The graphic features a stylized cityscape with various buildings and trees on a green hill under a blue sky. Below the cityscape is a yellow background with a calendar icon showing a grid of days. The text 'LUCA' is written in large, bold, black letters at the top of the yellow section.

### Schedule

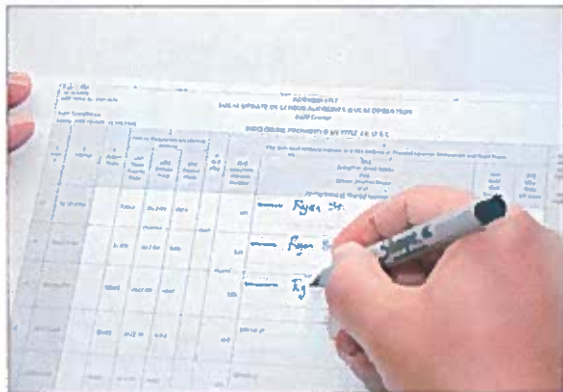
- January 2017: Advance notification of LUCA mailed to the highest elected official (HEO) or Tribal Chairperson (TC) of all eligible governments and other LUCA contacts.
- March 2017: LUCA promotional workshops begin.
- July 2017: Invitation letter and registration forms mailed to the HEO or TC of all eligible governments.
- October 2017: Training workshops begin. Self-training aids and Webinars will be available online at the LUCA Web site.
- February 2018: Participation materials mailed to registered participants. Participants have 120 calendar days from the receipt of materials to complete their review.
- August 2019: Feedback materials offered to participants with the results of Address Canvassing.
- April 1, 2020: Census Day.

### Connect With Us

A row of four social media icons: Twitter (blue bird), Facebook (blue 'f'), YouTube (red play button), and LinkedIn (blue 'in').

## LUCA Materials

The Geographic Update Partnership Software (GUPS) is new for LUCA. The GUPS is a self-contained Geographic Information System (GIS) update and processing package. In addition to the software, you will receive the Census Bureau's address list, address count list by



census block, and Topologically Integrated Geographic Encoding and Referencing (TIGER) partnership shapefiles.

The Census Bureau offers its address list in digital or paper formats. The digital format requires the use of spread-

sheet or database software. The paper format is available only to governments with 6,000 or fewer addresses.

Maps are offered in digital (TIGER partnership shapefiles that require GIS software) or paper (large format maps are 42 X 36 inches and include a DVD of small format [8.5 X 14 inches] block maps in Adobe PDF) formats.

The Census Bureau offers in-person training using LUCA materials. Self-training aids and Webinars are available online at the LUCA Web site.

## What's new for LUCA?

- Pre-LUCA activities provide more opportunities to submit address information and receive feedback through the continuous Geographic Support System (GSS) Program.
- Streamlined participation through the Full Address List Review provides the opportunity to review and update the Census Bureau's address list.
- The Census Bureau's digital address list is available in new, convenient standard software formats.
- Comprehensive data that includes ungeocoded address and residential structure coordinates.

For more information about LUCA, call 1-844-344-0169 or e-mail us at <GEO.2020.LUCA@census.gov>.



## Preparing for LUCA

You will receive only the addresses within your jurisdiction's boundaries that are currently on file with the Census Bureau. By participating in the 2017 Boundary and Annexation Survey (BAS), you have the opportunity to verify or update your jurisdiction's boundaries. Doing this will ensure that you receive the complete list of addresses for your jurisdiction in LUCA.

To prepare your address list before you receive your LUCA materials:

- Ensure that your address list contains multiunit structure identifiers (such as apartment numbers for individual units) and that you can distinguish between residential addresses and nonresidential addresses.
- Identify local address sources, such as building permits, E-911 address files, local utility records, annexation records, and assessment or taxation files.
- Visit the LUCA Web site or plan to attend a LUCA promotional workshop to get more information about participating in the program.

## Connect With Us

