

Member Governments

Town of Carrboro
Town of Chapel Hill
County of Chatham
City of Durham
County of Durham
County of Orange
NC Department of
Transportation
Town of Hillsborough

**DURHAM – CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC)**

AGENDA

**January 26, 2011
9:00 a.m.**

**City Council Committee Room
2nd floor Durham City Hall**

- 1. Preliminaries**
- 2. Adjustments to the Agenda**
- 3. Public Comments**

ACTION ITEMS

**4. Approval of December 15, 2010 TCC Meeting Minutes
(Attachment 4)**

A copy of the December 15, 2010 minutes is enclosed as Attachment 4.

TCC Action: Approve minutes of the December 15, 2010 TCC meeting.

**5. FY 2012-2018 Metropolitan Transportation Improvement Program, 2035 Long Range
Transportation Plan Amendment #2, and Air Quality Conformity Process
(Attachment 5, 5A, 5B, 5C)
Ellen Beckmann, LPA Staff
Andy Henry, LPA Staff**

The DCHC MPO will be approving three documents by August 2011:

- the FY 2012-2018 Metropolitan Transportation Improvement Program,
- Amendment #2 to the 2035 Long Range Transportation Plan,
- and corresponding air quality conformity determinations.

The MTIP must be coordinated with the State Transportation Improvement Program which is scheduled to be approved by the Board of Transportation in August 2011. The LRTP amendment is needed to ensure that the MTIP/STIP and the LRTP are consistent. Since both documents are subject to the air quality conformity process, an air quality conformity determination report must be prepared and approved.

Attachment 5 is a memo on the three documents and the approval process. Attachment 5 highlights differences between the draft STIP and draft MTIP and includes a few additional changes for the TCC's consideration. Attachment 5A is NCDOT's response to the one-on-one meeting. Attachment 5B is the draft MTIP as recommended by the TCC in December.

Attachment 5C is a resolution and table displaying the 2035 LRTP amendment for DCHC MPO. The Capital Area MPO will be adopting a LRTP amendment as well.

Both the adoption of the MTIP and the adoption of the 2035 LRTP amendment require adoption of an air quality conformity determination. The draft air quality conformity report will not be complete until early June and must be adopted in August.

TCC Action: Review the proposed schedule for the MTIP, LRTP Amendment, and Air Quality Conformity Determination. Recommend that the TAC release the FY 2012-2018 Draft Metropolitan Transportation Improvement Program and draft 2035 Long Range Transportation Plan Amendment #2 for public comment.

**6. Air Quality Conformity Process Memorandum of Agreement
(Attachment 6)**

Felix Nwoko, LPA Staff

Attachment 6 is a proposed Memorandum of Agreement between the DCHC MPO, NCDOT, NCDENR, US EPA, FHWA, and FTA describing the commitments and responsibilities for the air quality conformity process. The MOA is a federal requirement. This MOA replaces an MOA approved by the DCHC MPO sixteen years ago that expired last year and was outdated.

TCC Action: Recommend that the TAC approve the Memorandum of Agreement.

**7. FY 2011-2012 Unified Planning Work Program
(Attachment 7)**

Maricia Brown, LPA Staff

Annually, the DCHC MPO is required by federal regulations to prepare a Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided on an annual basis by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). Essentially, the UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds, including highway and transit programs. Tasks are identified by an alphanumeric task code and description.

Action	Date
TCC receives draft 2011-2012 UPWP	1/26/11
TAC receives draft 2011-2012 UPWP and releases for public comment	2/09/11
TAC holds hearing for public comments	3/09/11
TAC approves final 2011-2012 UPWP	4/13/11

TCC Action: Review schedule for development of the FY 2011-2012 UPWP.

REPORTS FROM STAFF:

8. Reports from Staff

(Attachment 8)

Felix Nwoko, LPA Staff

TCC Action: Receive Report from staff

9. Report from the Chair

Mark Ahrendsen, TCC Chair

TCC Action: Receive Report from TCC Chair

10. NCDOT Report

(Attachment 10)

Wally Bowman, Division 5 – NCDOT

Mike Mills, Division 7 – NCDOT

INFORMATIONAL ITEMS

Adjourn

Next meeting: February 23, 2011

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TECHNICAL COORDINATING COMMITTEE

December 15, 2010

MINUTES OF MEETING

The Technical Coordinating Committee met on December 15, 2010 at 9:00 a.m. in the Council Committee Room on the second floor of Durham City Hall. The following attended:

- *Mark Ahrendsen City of Durham – Transportation (TCC Chair)
- *Julie Bollinger NCDOT – TPB
- *David Bonk Town of Chapel Hill (TCC Vice-Chair)
- *Jeff Brubaker Town of Carrboro
- *Andy Henry City of Durham – Transportation
- *John Hodges-Copple Triangle J COG
- *Joey Hopkins (Alternate) NCDOT – Division 5
- *Tom King Town of Hillsborough
- *Karen Lincoln Orange County
- *Brian Litchfield Town of Chapel Hill
- *Ray Magyar UNC – Transportation
- *Kumar Neppalli Town of Chapel Hill
- *Felix Nwoko City of Durham – Transportation
- *Pierre Osei-Owusu (Alternate) City of Durham/DATA
- *Meg Scully Durham County
- *Ed Venable City of Durham – Engineering
- *Patrick Wilson (Alternate) NCDOT – Division 7
- Ellen Beckmann City of Durham – Transportation
- Maricia Brown City of Durham – Transportation
- Dale McKeel City of Durham – Transportation
- Ryan Mickles Town of Chapel hill
- Brian Rhodes City of Durham – Transportation
- Jill Stark FHWA
- Mila Vega Orange County

*Voting Member
^Temporary Non-Voting Member
Quorum Count: 18 of 21 Voting Members Present

According to the TCC Bylaws, when a member misses three meetings in a row he/she is not considered a voting member on the third consecutive missed meeting. Voting privileges are reinstated on the second consecutive meeting that he/she attends.

Mark Ahrendsen, TCC Chair, called the meeting to order at 9:07 a.m. The Alternate Voting

Members were identified and are indicated above.

42 **PRELIMINARIES:**

43 **Adjustments to the Agenda**

44 There were no adjustments to the agenda. Handouts were distributed that will be addressed
45 during agenda item 5.

46 **Public Comments**

47 There were no public comments.

48 **ACTION ITEMS:**

49 **Approval of November 17, 2010 TCC Meeting Minutes (Attachment 4)**

50 A motion was made by Liz Rooks and seconded by John Hodges-Copple to approve the
51 November 17, 2010 TCC Meeting Minutes. The motion carried unanimously.

52 **Development of the FY 2011-2020 Draft MTIP (Attachment 5)**

53 Andy Henry provided an update on the Development of the FY 2011-2020 Draft MTIP, along
54 with the attachments.

55 Andy Henry stated the only change made was to the schedule. The TCC is to refer the MTIP to
56 the TAC this month.

57 The TIP subcommittee met to discuss changes to the draft STIP. On page 14 and 15 there are
58 two tables. The changes to the STIP are identified and are they are only in the last four years.

59 David Bonk stated that Chapel Hill is working on the feasibility study on the US15-501/Ephesus
60 Church Road intersection. It should be done in March.

61 Andy Henry stated the only change in the first four years is adding \$1 million to Old Durham-
62 Chapel Hill Road in FY 2012.

63 Andy Henry reviewed the additions to the STIP. Mr. Henry also discussed the handout that was
64 distributed at the beginning of the meeting. In addition, we recommend adding the construction of
65 park-n-ride lots to the MTIP.

66 David Bonk stated we need the expansion of Eubanks Road and a new lot at I-40/US15-501.

67 Andy Henry stated we also need to add a lot at NC751/I-40.

68 Andy Henry stated the NC86 bridge over I-85 is not on the list. Karen Lincoln stated the NC86
69 bridge is an issue for Orange County. Karen Lincoln suggested adding it to 2019-2020.

70 Andy Henry discussed the handout that was distributed at the beginning of the meeting. These
71 are follow-up items that were sent to NCDOT in response to the one-on-one meetings. Mr. Henry is not
72 sure why I-85 is eligible for Trust Fund-intrastate and I-40 is not. NCDOT has a concern over funding the
73 NC54 widening.

74 Felix Nwoko asked about a phased project on I-40 and Joey Hopkins stated it is being
75 considered; but funding is an issue. Felix Nwoko stated the funding source is still an issue. We need
76 information from NCDOT on how much revenue we have.

77 Felix Nwoko stated we have to reflect the correct STPDA and CMAQ funds in the MTIP. Maricia
78 Brown stated we haven't heard back from NCDOT on CMAQ funds. John Hodges-Copple stated the
79 STPDA is allocated through 2015.

80 Mark Ahrendsen stated the subcommittee is to start looking at STPDA and CMAQ. Mr.
81 Ahrendsen stated FHWA says the STIP and MTIP must be consistent through 2015. Most of the
82 differences are in later years.

83 Joey Hopkins stated the 2011-2020 work program includes 2012-2018 STIP. Jill Stark stated the
84 feds only look at the first four years. Felix Nwoko stated we also want to look at transit projects.

85 John Hodges-Copple stated it is a ten year work program that includes a seven year MTIP.

86 David Bonk stated he continues to have concerns with the transit program. Andy Henry stated
87 Bill Barlow is going to work with Triangle Transit regarding the transit program. Maricia Brown stated
88 the guidelines are much more stringent. Ms. Brown stated the new FTA planner will be stringent about

89 what year of appropriations we are using; the STIP/MTIP must be consistent for applications to go
90 through.

91 Felix Nwoko stated that several of the projects listed as Chapel Hill Transit or DATA projects,
92 should be TTA projects.

93 A motion was made by Felix Nwoko and seconded by Liz Rooks to recommend the TAC release
94 the MTIP as a draft with the understanding that changes will be made clarifying the categories of the TIP
95 work plan, where some of the differences are that require a program change, and that work needs to be
96 done on transit, STPDA, and CMAQ. Dale McKeel stated the request for the Morgan Creek Greenway
97 project is not increasing the funding. John Hodges-Copple has a concern for Charlotte's new starts
98 project using up all the state funds. The motion carried unanimously.

99 **REPORTS FROM STAFF:**

100 Ellen Beckmann discussed a handout that was distributed at the beginning of the meeting
101 regarding the next TIP July 2011 deadline for the Regional Priority list. The TCC needs to start working
102 on this now.

103 Mark Ahrendsen stated we need to recognize that the current TIP approval process is in
104 progress. Felix Nwoko stated the last priority list that the TAC approved is intact. Andy Henry stated we
105 only need to change a few of the projects, including loop projects. Dale McKeel asked if we want to use
106 SPOT prioritization for our projects and Mark Ahrendsen stated that we need to look at the MPO
107 method. Karen Lincoln stated NCDOT will do SPOT ranking for the priority list before we adopt it.

108 Maricia Brown stated she will send out an email regarding the 2012 UPWP development to
109 recipients in January to start the process. There is going to be a slight difference in how the data is
110 submitted to the MPO. Also, Ms. Brown has not received a follow-up from any jurisdiction regarding the
111 mailing list for JARC-NF funds. The policies and UPWP are on the website. Karen Lincoln stated Orange
112 County will send an updated list by the end of the week.

113 **Reports from Staff (Attachment 6)**

114 The Report from Staff is attached for review.

115 **Report from the Chair**

116 Mark Ahrendsen had nothing to report.

117 **NCDOT Report (Attachment 8)**

118 Joey Hopkins, NCDOT Division 5, provided an update on projects. The extra lane on I-40/I-540
119 will open Sunday night; however the project will not be completely finished until 2011. They hope to
120 get a new contractor shortly for the T.W. Alexander project. The Board of Transportation approved the
121 Mobility Fund process. The report is going to legislative committee this month. The selection process
122 will be based 60% on mobility and congestion, 20% on multi-modal, 20% as it relates to the intermodal
123 fund. Joey Hopkins stated there is a PSA out on drowsy driving.

124 Patrick Wilson, NCDOT Division 7, provided an update on projects.

125 Mark Ahrendsen asked to keep everyone updated on the resurfacing projects. Joey Hopkins
126 stated with the temperatures, they can't do paving. They are hoping for a break in the weather to put
127 the final layer of asphalt on NC751.

128 **Informational**

129 John Hodges-Copple stated there are two air quality items. The Federal Ozone Standards were
130 due out last year and it has been delayed again now until next summer. We are getting ready to kick-off
131 the air quality process for the TIP and it will require an amendment to the 2035 LRTP with an emissions
132 analysis. There will be a kick-off in January with DCHC and CAMPO.

133 **Adjournment**

134 There being no further business before the Technical Coordinating Committee, the meeting
135 adjourned at 10:11 a.m.

MEMORANDUM

To: Technical Coordinating Committee (TCC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: January 26, 2011

Subject: **FY 2012-2018 Metropolitan Transportation Improvement Program, 2035 Long Range Transportation Plan Amendment #2, and Air Quality Conformity Process**

The DCHC MPO will be approving three documents by August 2011:

- the FY 2012-2018 Metropolitan Transportation Improvement Program,
- Amendment #2 to the 2035 Long Range Transportation Plan,
- and corresponding air quality conformity determinations.

The MTIP must be coordinated with the State Transportation Improvement Program which is scheduled to be approved by the Board of Transportation in August 2011. The LRTP amendment is needed to ensure that the MTIP/STIP and the LRTP are consistent. Since both documents are subject to the air quality conformity process, an air quality conformity determination report must be prepared and approved.

A proposed schedule for the three documents is listed below:

- 2/9/2011 For the air quality modeling process, the TAC needs to identify changes to non-exempt projects in the first four years of the MTIP and projects crossing air quality horizon years in the LRTP.
Earliest date that the TAC may release the draft MTIP and LRTP Amendment #2 for public comment.
- 3/1/2011 through 6/17/2011 Modeling, emission analysis, and conformity report preparation.
- 3/9/2011 *Earliest date that the TAC may hold a public hearing on the draft MTIP and LRTP Amendment #2.*
- 4/13/2011 *Earliest date that the TAC may approve the draft MTIP and LRTP Amendment #2 (subject to air quality conformity).*
- 5/11/2011 TAC meeting.
- 6/8/2011 The TAC releases the air quality conformity draft for public comment.

8/10/2011 The TAC holds a public hearing on the air quality conformity draft and approves the air quality determination report.

9/2/2011 Federal action on air quality conformity determination.

The three actions listed in italics may shift later in the schedule as long as approval occurs by the August TAC meeting.

Draft MTIP

The North Carolina Department of Transportation released the draft FY 2012-2018 State Transportation Improvement Program (STIP) in August 2010. The seven-year STIP is included within the Department's ten-year work program for FY 2011-2020. The DCHC MPO met with NCDOT to discuss the STIP in November 2010. Attachment 5A is a summary of the one-on-one meetings with NCDOT's responses to the MPO's requests. Subsequently, the TCC developed a recommended draft FY 2012-2018 Metropolitan Transportation Improvement Program (MTIP) (Attachment 5B).

The differences between the draft STIP and the TCC's recommended draft MTIP are listed in the table below. These differences are also highlighted in Attachment 5B. Federal regulations require that the STIP and MTIP agree in the first four years (FY 2012-2015).

Changes to Draft STIP

Route	ID	Description/Miles/Cost	Changes
I-40	I-3306	I-85 in Orange Co. to US-15-501; add additional lanes. <ul style="list-style-type: none"> • 20.7 miles • \$47 million 	Accelerate by two years, thus construction funding start FY 2017. Possibly add lane to westbound section only, in first phase.
NC 54	FS-1005C	I-40 to NC 55 in City of Durham; feasibility study <ul style="list-style-type: none"> • 5.2 miles • \$91 million 	Add \$30 million in funding in both FY 2019 and 2020 for ROW, construction, etc.
US 15-501	U-5304	S. Columbia St. to Ephesus Ch. Rd.; sidewalks, wide outside lanes and transit accommodations. <ul style="list-style-type: none"> • 4 miles • \$5.1 million 	Accelerate by three years, thus construction starts FY 2016.
US 15-501	U-5304	S. Estes Rd to Erwin Rd.; Ephesus Ch. Rd. <ul style="list-style-type: none"> • 0.55 miles • \$5 million 	Roadway, transit, bicycle and pedestrian improvements consistent with recommendations of the Ephesus Church Road/Fordham Boulevard Transportation Study.
Old Durham/Chapel Hill Rd	EB-4707	Garrett Rd. to US 15-501; bicycle and pedestrian improvements. <ul style="list-style-type: none"> • 2.7 miles • \$4 million 	Add \$1million in funding in FY 2012.

Additions to Draft STIP

Route	ID	Description/Miles/Cost
NC 54	New TIP project	I-40 to Fordham Blvd.; feasibility study that considers results of MPO's NC 54 Study and includes roadway, bicycle, pedestrian and transit improvements. <ul style="list-style-type: none"> • 1.7 miles
Fayetteville Road	New TIP project	Woodcroft Pkwy to Riddle Rd.; widen to multilane and include bicycle, pedestrian and transit improvements; add \$7 million in funding each year from FY 2016 through 2018. <ul style="list-style-type: none"> • 2.3 miles • \$21 million
Erwin Road	New TIP project	US 15-501 to NC 751; construct bicycle lanes, sidewalks and safety improvements; add \$5.5 million in funding in FY 2016. Statewide STP Enhancement program is suggested funding source. <ul style="list-style-type: none"> • 5.5 miles • \$5.5 million
Jack Bennett Road	New TIP project	US 15-501 to Lystra Rd.; safety improvements; add \$6.9 million in funding in FY 2016. <ul style="list-style-type: none"> • 2.3 miles • \$6.9 million
Churton Street	R-2825	US 70 Business to I-40; congestion mgmt., aesthetic and capacity improvements; add \$9.5 million each year in FY 2019 and 2020. <ul style="list-style-type: none"> • 2.5 miles • \$19 million
Eno Mountain Road	U-3436	Eno Mtn. Rd. and Mayo St. alignment; add \$2.4 million in funding in FY 2020. <ul style="list-style-type: none"> • \$2.4 million
NC 86	New TIP project or with I-0305	US 70A to Old NC 10; widen to multilanes; include these project costs and coordinate construction schedule with I-85 widening (I-0305). <ul style="list-style-type: none"> • 1 mile • \$10 million
NC 86	New TIP project	US 70 Bypass to Coleman Loop Rd.; widen to multilanes; add \$7.5 million in funding in FY 2020. <ul style="list-style-type: none"> • 0.42 mile • \$7.5 million
Orange Grove Road	New TIP project	Churton St. to US 70 Alternate; construct roadway; add \$30 million to FY 2020. <ul style="list-style-type: none"> • 0.40 mile • \$30 million
Park and Ride Facilities	New TIP project	Construct park-n-ride lots in five corridors: US 501 north of Durham; I-85 east of Durham; I-40/I-85 near Mebane; US 15-501 between Durham and Chapel Hill; and, I-40/NC 751 in Durham. <ul style="list-style-type: none"> • 650 total parking spaces • \$1.63 million

Route	ID	Description/Miles/Cost
Orange Grove Road Pedestrian Bridge	EB-4980	Construct pedestrian bridge over I-40 (or retrofit existing vehicle bridge to accommodate pedestrians). <ul style="list-style-type: none"> • 0.04 mile • \$400,000

A few minor edits have been made to the public transportation section of the draft STIP in the draft MTIP. The MPO will be working with the public transit agencies and NCDOT over the coming months to make sure that the STIP and MTIP accurately reflect all planned transit projects.

Since the January TCC meeting, LPA staff have identified additional recommended changes to the draft STIP for the draft MTIP. The recommendations are listed in the table below.

Additional Changes to the draft MTIP Recommended by LPA Staff

Route	ID	Description/Miles/Cost	Changes
I-40	I-3306	I-85 in Orange Co. to US-15-501; add additional lanes. <ul style="list-style-type: none"> • 20.7 miles • \$47 million 	Define Phase A as NC 86 to Durham County Line (westbound) and Phase C as I-85 to NC 86 and NC 86 to Durham County Line (eastbound) (Phase B is completed Durham County project) Fund Phase A in FY 2016 and FY 2017 for \$10,208,000. Phase C \$36,792,000 unfunded in post year.
NC 54	FS-1005C	I-40 to NC 55 in City of Durham; feasibility study <ul style="list-style-type: none"> • 5.2 miles • \$91 million 	Add \$30.333 M in FY 2017, FY 2018, and FY 2019 to fully fund the project.
NC 54	New TIP Project	I-40 to Fordham Blvd.; feasibility study that considers results of MPO's NC 54 Study and includes roadway, bicycle, pedestrian and transit improvements. <ul style="list-style-type: none"> • 1.7 miles 	Add funding for short-term recommendations of the NC 54 corridor study in FY 2016-2020. Short-term improvements in draft report: <ul style="list-style-type: none"> • Park-n-Ride: \$1,795,000 capital, \$720,000 operating • Transit: \$2,100,000 capital, \$4,066,200 operating • Bicycle and Pedestrian \$6,820,000 • Roadway \$37,500,000 (\$31,400,000 collector street network) • Total \$53,001,200, or without collector street network \$21,601,200

Route	ID	Description/Miles/Cost	Changes
Park and Ride Facilities	New TIP project	Construct park-n-ride lots in five corridors: US 501 north of Durham; I-85 east of Durham; I-40/I-85 near Mebane; US 15-501 between Durham and Chapel Hill; and, I-40/NC 751 in Durham.	Change to: <ul style="list-style-type: none"> • 2,500 total parking spaces • \$5,625,000

The TCC has recommended that the TAC release the draft MTIP for public comment and schedule a public hearing. The MPO's public involvement plan establishes a minimum three-week public comment period. Notification will be posted in the newspaper and copies will be available in the planning departments of all MPO member jurisdictions and in public libraries as well as on www.dhcmpo.org.

2035 LRTP Amendment #2

Amendment #2 to the 2035 LRTP corrects the mileage for five projects to match the figures in the STIP/MTIP for the DCHC MPO. Attachment 5C is the resolution and table for Amendment #2. The Capital Area MPO will be approving a corresponding amendment that includes corrections and changes to their projects.

Several DCHC MPO projects were coded incorrectly in the modeled network for the 2035 LRTP air quality conformity determination. The air quality conformity determination for the 2012-2018 STIP/MTIP and 2035 LRTP Amendment #2 will correct this error. Since the projects were correctly listed in the 2035 LRTP report, no amendment is needed to correct this modeling error.

TCC Action: Review the proposed schedule. Recommend that the TAC release the draft FY 2012-2018 Metropolitan Transportation Improvement Program and draft 2035 Long Range Transportation Plan Amendment #2 for public review and schedule a public hearing for the March TAC meeting.

FY 2012-2018 STIP

NCDOT and DCHC MPO Meeting (11/10/10)

Follow-up Items

Staff and board members from the DCHC MPO and NCDOT met on November 10, 2010 to discuss the draft FY 2012-2018 State Transportation Improvement Program (STIP) and the MPO's priority list. The list below identifies items in which a meeting participant indicated there would be some follow-up investigation.

1. Churton Street Congestion in the Town of Hillsborough

The DCHC MPO presented the following projects as a replacement for the deleted Elizabeth Brady Road extension project:

- **A)** R-2825 (South Churton Street)
- **B)** U-3436 (Eno Mountain Road/Mayo Street alignment)
- **C)** NC 86 widening between US 70-A and Old NC 10
- **D)** NC 86 widening from US 70 Bypass to Coleman Loop Road
- **E)** Orange Grove Road Extension to US 70-Alternate

Mr. Fox stated that he, Mike Stanley and Mike Mills would discuss the funding of one or more of these projects in the STIP.

In determining which projects to fund in the draft Program and Resource Plan, prioritization was followed as were investment targets. DCHC had a disproportionate number of priorities on the subregional tier, including A), B), and E) above. The Mobility/Subregional category was already near capacity with 5-year work program projects, leaving relatively little room to add new projects in this category. DCHC has several of these projects (Weaver Dairy Road, Smith Level Road, Hillandale Road, Miami Boulevard). Were additional funding capacity to be realized in the Mobility/Subregional category, there are several Division 7 candidates that ranked higher than the above projects and therefore would be considered for funding ahead of them, including 3) below.

Regarding A), we will look at the prospect of programming additional feasibility studies/updates after a review of staff workload in the Feasibility Studies Unit.

Projects C) and D) did not appear as identified needs in the prioritization lists we received. Project C) could potentially show up as a need in the course of the I-305 NEPA review.

2. I-40 (I-3306) and I-85 (I-0305) widening

The DCHC MPO presented a design alternative for the I-40 widening – only add a lane to the westbound movement between US 15-501 and NC 86, and wanted the I-40 improvements to be scheduled before the I-85 improvements. Mr. Fox stated that NCDOT would discuss these options.

A phased approach to construction of I-3306 is likely, given the constrained financial picture of recent years. The above lane addition proposal merits review as a possible interim or first-stage project, and will be considered as part of the preconstruction phase.

Regarding the timing of this project and I-305, the NCDOT would take into account NEPA status / preconstruction readiness, as well as funding availability/eligibility. Bear in mind that the I-85 project is eligible for a funding source (Trust Fund – intrastate) that the I-40 project is not.

3. New Project (Erwin Road, from US 15-501 to NC 751)

The DCHC MPO requested funding for this project, possibly from the large buildup of Enhancement funding. Mr. Fox stated that Mike Mills, Wally Bowman and staff from the Bicycle and Pedestrian Division would get together at the next board meeting to discuss.

This project will be reviewed by the Division of Bicycle and Pedestrian Transportation to determine how it would rank as a bike/ped project, for comparative purposes.

See first comment to 1) above regarding programming of mobility projects on the Subregional tier. As a Mobility/Subregional candidate, this project competes with a large number of others statewide for a very limited portion of the STIP budget, in terms of eligibility. Funding targets for each goal/tier category were established on a statewide basis.

Board Members Mike Fox and Chuck Watts will look into the prospects for an increased funding allocation to the NCDOT's Bicycle / Pedestrian program, as one possible means of addressing these type projects going forward. In the meantime, further consideration will be given to partnering, using a mix of STIP and non-STIP funding sources, e.g. small construction, contingency, CMAQ, spot safety, and enhancement. Note that the MPO has at its discretion \$12 million in STP-DA not currently allocated to projects that can be applied to this project to move it forward. Consideration will also be given to segmentation, so that the highest-need portions of the project can be pursued as funding is identified.

4. Jack Bennett Road [SR1717] (US 15-501 to Lystra Rd [SR1721]) -- safety improvements.

The DCHC MPO requested funding for this safety project. Tim Johnson, NCDOT Division 8, will check spot safety and hazard elimination funding for this project.

This project will be submitted to the Transportation Mobility and Safety Division for evaluation as a candidate for Spot Safety and/or Hazard Elimination funding.

5. FS-1005C (NC 54, from I-40 to NC 55)

The DCHC MPO requested funding for this high priority project in the latter years of the STIP cycle. Mr. Watts stated that they would get a response for the MPO.

The programming of a feasibility study was not meant to imply the project would not be funded. Due to unique characteristics of the project, in particular environmental impacts, it is believed that a feasibility study would allow for a more refined scope and cost on the project. These results would then be used to begin funding phases of the project in upcoming STIP cycles, applying budget capacity represented by the new years coming into the STIP window.

Given the concern expressed at the priority session regarding time frame for a feasibility study and the need to start NEPA, the NCDOT will consult with PDEA and others to determine the overall comfort level with the current description and estimates, as well as the probable lead time needed to reach LEDPA. Based on feedback received, a decision will be made whether to a) move forward with the feasibility study, b) start a funding stream in the out years of the Plan, or c) program for planning and environmental study only, thus allowing NEPA to be initiated.

6. New Project (Fayetteville Road, from Woodcroft Parkway to Riddle Rd.)

The DCHC MPO requested funding for this high priority project in the latter years of the STIP cycle. Mr. Watts stated that they would investigate a funding source.

See first comment to 1) above regarding programming of mobility projects on the Subregional tier. The DCHC MPO currently has approximately \$12 million in STPDA obligation-adjusted apportionment not yet allocated to projects, which could be applied toward this project at the MPO's discretion. The MPO may wish to look at moving this project forward with a combination of STP-DA and local bond funds.

DCHC

DURHAM • CHAPEL HILL • CARRBORO METROPOLITAN PLANNING ORGANIZATION

Member

Governments

Town of Carrboro
Town of Chapel Hill
County of Chatham
City of Durham
County of Durham
Town of Hillsborough
NC Department of
Transportation
County of Orange

**DRAFT FY 2012 – 2018
Metropolitan Transportation
Improvement Program
January 12, 2011**

City of Durham
Transportation Division
101 City Hall Plaza
Durham, NC 27701

(919) 560-4366

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Resolutions

Resolution to Adopt FY 2012-2018 MTIP

A copy of the “Resolution Adopting the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018” is shown on the following pages. A copy of the signed and notarized resolution will be available in the final MTIP report.

Resolution to Adopt Conformity Statement for Air Quality State Implementation Plan

A copy of the “Resolution Finding the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 in Conformity with the North Carolina State Implementation Plan (SIP) or Interim Emissions Test in Areas Where No SIP Has Been Approved or Found Adequate” is shown on the following pages. A copy of the signed and notarized resolution will be provided in the final MTIP.

The North Carolina State Implementation Plan addresses the air quality requirements as set forth in the federal Clean Air Act as Amended. The Implementation Plan sets pollution emissions budgets for various sectors, such as transportation and utilities, and the conformity process checks to ensure that the emissions impacts set forth by implementing the Transportation Improvement Plan (TIP) will meet those emissions budgets.

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**RESOLUTION ADOPTING THE DURHAM-CHAPEL HILL-CARRBORO
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM
FOR FY 2012-2018**

A motion was made by _____ and seconded by _____ for adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purposes of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate) for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program to be in full compliance with Title VI Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 749; and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat 2100, 49 CFR part 23); and

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the elderly and disabled per the provisions of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat.327, as amended) and the U.S. DOT implementing regulations; and

WHEREAS, the Metropolitan Transportation Improvement Program of the Durham–Chapel Hill–Carrboro (DCHC) Metropolitan Planning Organization is a direct subset of the currently conforming DCHC MPO 2035 Long Range Transportation Plan; and

WHEREAS, the Transportation Plan has a planning horizon year of 2035, and meets all the requirements for an adequate Transportation Plan, and

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comment and provided for public comment period in accordance with the MPO’s Public Participation Policy for the proposed Transportation Improvement Program; and

WHEREAS, for years one through four (i.e., years 2012, 2013, 2014 and 2015), it is recognized that the Transportation Improvement Program will serve as the project selection document for transportation projects within the Durham- Chapel Hill- Carrboro Urban Area Metropolitan Area Boundary, and the NCDOT may move projects and phases of projects without additional programming or project selection approval by the MPO within that two-year period, providing that transportation conformity and financial constraint criteria are still met.

NOW, THEREFORE, be it resolved that the Transportation Advisory Committee adopts the FY 2012-2018 Metropolitan Transportation Improvement Program, dated April 13, 2011, for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization on this the 13th day of April, 2011.

TAC Chair

STATE of: North Carolina
COUNTY of: _____

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that _____ personally appeared before me on the 13th day of April, 2011 to affix her signature to the foregoing document.

Notary Public for the State of NC
Residing at: _____
My commission expires _____

(Seal)

RESOLUTION FINDING THE DURHAM-CHAPEL HILL-CARRBORO (DCHC) METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2012-2018 IN CONFORMITY WITH THE NORTH CAROLINA STATE IMPLEMENTATION PLAN (SIP) OR INTERIM EMISSIONS TESTS IN AREAS WHERE NO SIP HAS BEEN APPROVED OR FOUND ADEQUATE

A motion was made by _____ and seconded by _____ for adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee is the duly recognized transportation decision making body for the 3-C transportation planning process (i.e., continuous, cooperative, and comprehensive) of the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization; and

WHEREAS, the United States Environmental Protection Agency redesignated Durham County as a maintenance area for ozone on December 26, 2007 and redesignated Durham County as a maintenance area for carbon monoxide on September 18, 1995; and

WHEREAS, the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization’s amended 2035 long range transportation plan conforms to the intent of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate); and

WHEREAS, that conformity determination used the latest planning assumptions approved by the Durham–Chapel Hill–Carrboro Metropolitan Planning Organization; and

WHEREAS, that conformity determination used the latest emissions model approved by the United States Environmental Protection Agency; and

WHEREAS, there are no transportation control measures listed in North Carolina’s State Implementation Plan; and

WHEREAS, that conformity determination was made according to the established interagency consultation procedures for North Carolina; and

WHEREAS, the programs and projects included in the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 are financially constrained in accordance with State and Federal law; and

WHEREAS, the projects included in the Durham–Chapel Hill–Carrboro Metropolitan Transportation Improvement Program for FY 2012- 2018 are a direct subset of the 2035 Long Range Transportation Plan.

NOW THEREFORE, be it resolved that the Durham–Chapel Hill–Carrboro Metropolitan Transportation Improvement Program for FY 2012-2018 conforms to the intent of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate) in accordance with the clean Air Act as Amended, on this the 13th day of April, 2011.

TAC Chair

STATE of: North Carolina
COUNTY of: _____

I, _____, a Notary Public of _____ County, North Carolina do hereby certify that _____ personally appeared before me on the 13th day of April, 2011 to affix her signature to the foregoing document.

Notary Public for the State of NC
Residing at: _____
My commission expires _____

(Seal)

Section 1 – Purpose and Process

Background and Purpose

The Transportation Improvement Program (TIP) is typically a seven-year funding document for highway, public transportation, bicycle, pedestrian, and rail projects. The importance of the TIP stems from the fact that projects must be in the TIP in order to receive State or federal funding. In this current TIP cycle, the North Carolina Department of Transportation (NCDOT) has chosen to develop a ten-year funding document that contains program subsets. The five-year Work Program includes fiscal years 2011 through 2015. Projects funded in this program subset are well along in the environmental review and preliminary design phase. The five-year Developmental Program includes fiscal years 2016 through 2020. Projects funded in this program subset typically have not gone through the environmental review or preliminary design process, but instead are being set up for a feasibility study or other early investigation reviews. The Transportation Improvement Program continues to be a seven-year funding document including fiscal years 2012 through 2018. These program subsets are identified in the three NCDOT project tables used in this document and demonstrated in the following graphic.

Transportation Improvement Program									
5-Year Work Program					Developmental Program				
FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020

The MTIP review process includes the Work Program and Developmental Program, i.e., fiscal years 2011 through 2020. However, NCDOT and MPO action to adopt their respective TIPs will be for the TIP period, which includes fiscal years 2012 through 2018.

Every two years, the Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization (MPO) works with local citizens, government officials, elected officials, and the North Carolina Department of Transportation to develop a Metropolitan Transportation Improvement Program (MTIP) that is eventually adopted as part of the State Transportation Improvement Program (STIP). According to federal transportation regulations, the adopted MTIP and adopted STIP must be the same for the first four years of the program, i.e., FY 2012 through 2015.

Process and Schedule

To begin the TIP development process, the MPO develops a Regional Priority List to indicate the preference of the MPO for funding transportation projects and provides the List to the NCDOT. The NCDOT issues a draft STIP based on NCDOT policies and priorities, and the Regional List of Priorities. At that point, the MPO staff and TAC members meet with NCDOT officials to reconcile differences between the STIP and Regional Priority List. The MPO releases a draft MTIP for public comment, and then makes adjustments based on public and staff input to produce a final MTIP that is forwarded to the NCDOT. The draft MTIP is a copy of the draft STIP Local Supplement with the changes that the MPO desires to make. As required by federal transportation regulations, the projects and funding plan for the first four years of the final MTIP and final STIP must agree.

The following page shows the Proposed Development Schedule for the FY 2012-2018 MTIP. The dates shown on the Schedule are subject to change.

Proposed Development Schedule
FY 2012-2018 Metropolitan Transportation Improvement Program - MTIP

No.	Due Date	Task
1	10-Aug-10	NCDOT releases Draft 2012-2018 State Transportation Improvement Program (STIP)
2	11-Aug-10	TAC receives the MPO supplement to the draft 2012-2018 STIP
3	25-Aug-10	TCC reviews the MPO supplement to the draft 2012-2018 STIP
4	8-Sept-10	TAC reviews the MPO supplement to the draft 2012-2018 STIP, including analysis & comparison with the 2009-2015 MTIP and 2012-2018 Regional Priority List.
5	Sept -TBD	TCC subcommittee develops One-on-One agenda (including discussion points) for TCC consideration.
6	22-Sept-10	TCC recommends One-on-One agenda and supporting documents for TAC consideration.
7	13-Oct-10	TAC receives One-on-One agenda and provides feedback.
8	10-Nov-10	NCDOT holds Division 5, 7 and 8 One-on-One meetings with the DCHC-MPO.
9	Sept - Feb	Development of the 2012-2018 MTIP.
10	17-Nov-10	TCC refers Draft 2012-2018 MTIP to TIP subcommittee
10	15-Dec-10	TCC reviews Draft 2012-2018 MTIP and forwards to TAC.
11	12-Jan-10	TAC receives Draft 2012-2018 MTIP and considers its release for public comment.
12	9-Feb-11	TAC holds Public Hearing on the Draft 2012-2018 MTIP (evening meeting) & provides direction to the TCC.
13	Dec-Feb	Local agencies review and comment on the Draft 2012-2018 MTIP.
14	23-Feb-11	TCC considers public comments and recommends approval of 2012-2018 MTIP.
15	9-Mar-11	TAC considers approval of Final 2012-2018 MTIP and Air quality conformity Determination
16	13-Apr-11	TAC approves final 2012-2018 MTIP and Air Quality Conformity Determination
17	20-Apr-11	MPO transmits 2012-2018 MTIP to NCDOT Secretary of Transportation
18	Apr-May	Reconciliation of 2012-2018 MTIP and 2012-2018 STIP
19	July 11	Board of Transportation approves FY 2012-2018 STIP
20	1-Oct-11	Federal Approval of TIP

Section 2 – Local Supplement (*Highway/Bicycle/Pedestrian/Enhancements*)

Project Types

The Local Supplement contains the transportation projects from the State Transportation Improvement Program (STIP) that are in the DCHC MPO. The project types in the Local Supplement include:

- Interstate highways
- Urban roads
- Rural roads
- Bicycle and pedestrian (e.g., sidewalks) projects
- Bridges
- Safety and Hazard Elimination
- Transportation planning
- Transportation Enhancements
- Passenger Rail projects.

Format and Legend

At the beginning of the project table document is an explanation of the STIP with tables that describe the format of the local supplement and keys for the funding sources and work types. Information includes an identification number, project description, funding, estimated costs, schedule, and project phases (e.g., right-of-way acquisition and construction). The type of project can be denoted from the letter prefix in the project identification. For example, “I-2204” indicates that this particular project is an interstate highway. In addition, the project table is broken into the three project subsets: TIP; 5-Year Work Plan; and, Developmental Plan.

Surface Transportation Program -- Direct Attributable (STP-DA)

The Surface Transportation Program (STP) Direct Attributable (DA) provides funding for a variety of transportation projects. These project funds are shown in the TIP either as individual projects or grouped together in the following projects:

- U-4726 Bicycle and Pedestrian Allocation
- U-4727 Planning Allocation and UPWP Activities
- U-5023 Reserved for Future Programming

The STP-DA is unique among other state and federal transportation programs because the MPO directly programs the funding as long as the project meets NCDOT policies for the STP-DA. The program funds two types of projects. TIP Incidental Projects are defined as DOT TIP projects where additional features, such as sidewalks or an enhanced noise wall, are included. Independent Projects are unrelated to a programmed TIP roadway project or Enhancement project.

Draft MTIP

The Local Supplement is the draft State TIP developed by the NCDOT. The DCHC MPO uses the Local Supplement as a basis to develop the draft Metropolitan TIP. The draft MTIP indicates what changes were made to the Local Supplement. The tables below show which projects were changed in the Local Supplement and which projects were added to it to form the draft MTIP.

Changes to STIP

Route	ID	Description/Miles/Cost	Changes
I-40	I-3306	I-85 in Orange Co. to US-15-501; add additional lanes. <ul style="list-style-type: none"> • 20.7 miles • \$47 million 	Accelerate by two years, thus construction funding start FY 2017. Possibly add lane to westbound section only, in first phase.
NC 54	FS-1005C	I-40 to NC 55 in City of Durham; feasibility study <ul style="list-style-type: none"> • 5.2 miles • \$91 million 	Add \$30 million in funding in both FY 2019 and 2020 for ROW, construction, etc.
US 15-501	U-5304	S. Columbia St. to Ephesus Ch. Rd.; sidewalks, wide outside lanes and transit accommodations. <ul style="list-style-type: none"> • 4 miles • \$5.1 million 	Accelerate by three years, thus construction starts FY 2016.
US 15-501	U-5304	S. Estes Rd to Erwin Rd.; Ephesus Ch. Rd. <ul style="list-style-type: none"> • 0.55 miles • \$5 million 	Roadway, transit, bicycle and pedestrian improvements consistent with recommendations of the Ephesus Church Road/Fordham Boulevard Transportation Study.
Old Durham/Chapel Hill Rd	EB-4707	Garrett Rd. to US 15-501; bicycle and pedestrian improvements. <ul style="list-style-type: none"> • 2.7 miles • \$4 million 	Add \$1million in funding in FY 2012.

Additions to STIP

Route	ID	Description/Miles/Cost
NC 54	New TIP project	I-40 to Fordham Blvd.; feasibility study that considers results of MPO's NC 54 Study and includes roadway, bicycle, pedestrian and transit improvements. <ul style="list-style-type: none"> • 1.7 miles • \$39 million (ROW, const., etc.)
Fayetteville Road	New TIP project	Woodcroft Pkwy to Riddle Rd.; widen to multilane and include bicycle, pedestrian and transit improvements; add \$7 million in funding each year from FY 2016 through 2018. <ul style="list-style-type: none"> • 2.3 miles • \$21 million

Route	ID	Description/Miles/Cost
Erwin Road	New TIP project	US 15-501 to NC 751; construct bicycle lanes, sidewalks and safety improvements; add \$5.5 million in funding in FY 2016. Statewide STP Enhancement program is suggested funding source. <ul style="list-style-type: none"> • 5.5 miles • \$5.5 million
Jack Bennett Road	New TIP project	US 15-501 to Lystra Rd.; safety improvements; add \$6.9 million in funding in FY 2016. <ul style="list-style-type: none"> • 2.3 miles • \$6.9 million
Churton Street	R-2825	US 70 Business to I-40; congestion mgmt., aesthetic and capacity improvements; add \$9.5 million each year in FY 2019 and 2020. <ul style="list-style-type: none"> • 2.5 miles • \$19 million
Eno Mountain Road	U-3436	Eno Mtn. Rd. and Mayo St. alignment; add \$2.4 million in funding in FY 2020. <ul style="list-style-type: none"> • \$2.4 million
NC 86	New TIP project	US 70A to Old NC 10; widen to multilanes; include these project costs and coordinate construction schedule with I-85 widening (I-0305). <ul style="list-style-type: none"> • 1 mile • \$10 million
NC 86	New TIP project	US 70 Bypass to Coleman Loop Rd.; widen to multilanes; add \$7.5 million in funding in FY 2020. <ul style="list-style-type: none"> • 0.42 mile • \$7.5 million
Orange Grove Road	New TIP project	Churton St. to US 70 Alternate; construct roadway; add \$30 million to FY 2020. <ul style="list-style-type: none"> • 0.40 mile • \$30 million
Park and Ride Facilities	New TIP project	Construct park-n-ride lots in five corridors: US 501 north of Durham; I-85 east of Durham; I-40/I-85 west of Hillsborough; US 15-501 between Durham and Chapel Hill; and, I-40/NC 751 in Durham. <ul style="list-style-type: none"> • 650 total parking spaces • \$1.63 million
Orange Grove Road Pedestrian Bridge	EB-4980	Construct pedestrian bridge over I-40 (or retrofit existing vehicle bridge to accommodate pedestrians). <ul style="list-style-type: none"> • 0.04 mile • \$400,000



Draft STIP Supplement

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

2011 – 2020

August 2010

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS																
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM																					
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020																	
INTERSTATE PROJECTS																																		
ORANGE	I-40	I-5364	EAST OF SR 1734 (ERWIN ROAD) TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	0.4	250		IMPM																											
ALAMANCE GUILFORD ORANGE	I-40, I-73 AND I-85	I-5207	INTERSTATE MAINTENANCE PRESERVATION FOR DIVISION 7.		11550		IMPM	C	1155	C	1155	C	1155	C	1155	C	1155	C	1155	C	1155													
ORANGE	I-40/85	I-5142	WEST OF SR 1114 (BUCKHORN ROAD) TO I-40/85 INTERCHANGE. MILL, RESURFACE, PAVEMENT MARKINGS AND INSTALL RUMBLE STRIPS.		12000	12000																												
UNDER CONSTRUCTION																																		
ORANGE	I-40	I-4716	I-85 TO DURHAM COUNTY LINE. DIAMOND GRINDING, JOINT SEALING, SLAB REPAIR AND MARKING.	11.0	3303	3303																												
UNDER CONSTRUCTION																																		
DURHAM ORANGE	I-40	I-3306	I-85 IN ORANGE COUNTY TO NC 147 (BUCK DEAN FREEWAY) IN DURHAM COUNTY. ADD ADDITIONAL LANES.	20.7	128452	81452	IM NHS										C	4700	A	C	4700	A	C	4700	A	C	4700	A	C	4700	A	C	9400	A
A I-85 TO DURHAM COUNTY LINE. B ORANGE COUNTY LINE TO NC 147 (BUCK DEAN FREEWAY) IN DURHAM - COMPLETE.																																		
DURHAM GRANVILLE	I-85	I-5145	NORTH OF US 70 IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY. PAVEMENT PRESERVATION.	12.9	8500		IM	C	8500																									
DURHAM	I-85	I-5334	SOUTH OF US 15-501 TO NORTH OF US 70. CLEAN AND RESEAL JOINTS, AND REPAIR SPALLS.	4.6	3000		IMPM										C	3000																
DURHAM	I-85	I-5331	NORTH OF MILE POST 183 TO GRANVILLE COUNTY LINE. CLEAN AND RESEAL JOINTS AND REPAIR SPALLS.	0.7	250		IMPM										C	250																
ORANGE	I-85	I-5312	EAST OF I-40 TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	7.6	6450		IMPM																											
ORANGE	I-85	I-5138	I-40/85 SPLIT NEAR HILLSBOROUGH TO SR 1006 (ORANGE GROVE ROAD). MILL, RESURFACE AND OVERLAY.		2023	2023																												
UNDER CONSTRUCTION																																		

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
RURAL PROJECTS																				
ORANGE	VARIOUS	R-5178	RESURFACING ON FEDERAL-AID ROUTES.		1505	1505														
							A	NC 57, NC 86 TO SR 1544 (PEARSON ROAD) - UNDER CONSTRUCTION.												
							B	NC 86 (SOUTH COLUMBIA STREET) FROM SR 1010 (FRANKLIN STREET) TO CAMERON AVENUE - UNDER CONSTRUCTION.												
DURHAM	SR 1004 OLD OXFORD ROAD	R-5135	US 501 BUSINESS (NORTH ROXBORO STREET) TO THE GRANVILLE COUNTY LINE. WIDEN AND RESURFACE.		1670	1670														
								UNDER CONSTRUCTION												
DURHAM WAKE	RALEIGH I-540 NC 540	R-2000*	NORTHERN WAKE FREEWAY, NC 55 WEST OF MORRISVILLE TO US 64 EAST NEAR KNIGHTDALE. FREEWAY ON NEW LOCATION.	29.0	660077	660077														
							AA	NC 55 WEST OF MORRISVILLE TO RESEARCH TRIANGLE PARK EAST LIMITS - COMPLETE.												
							AB	RESEARCH TRIANGLE PARK EAST LIMITS TO SOUTHWEST OF I-40 - COMPLETE.												
							AC	SOUTHWEST OF I-40 TO I-40 - COMPLETE.												
							AD	TOLL PLAZA BETWEEN NC 55 AND NC 54 - WORK TO BE ACCOMPLISHED UNDER U-4763B - NORTH CAROLINA TURNPIKE AUTHORITY PROJECT.												
							AE	ITS DEVICES, I-540 AND NC 54/EMPEROR BOULEVARD - COMPLETE.												
							AF	I-540/I-40 INTERCHANGE IMPROVEMENTS - UNDER CONSTRUCTION.												
							BA	I-40 TO NORTHEAST OF I-40 - COMPLETE.												
							BB	NORTHEAST OF I-40 TO SOUTHWEST OF LUMLEY ROAD - COMPLETE.												
							BD	SOUTHWEST OF LUMLEY ROAD TO NORTHEAST OF LUMLEY ROAD - COMPLETE.												
							BE	NORTHEAST OF LUMLEY ROAD TO NORTHEAST OF US 70 - COMPLETE.												
							CA	NORTHEAST OF US 70 TO SOUTHWEST OF SR 1826 (RAY ROAD) - COMPLETE.												
							CB	SOUTHWEST OF SR 1826 (RAY ROAD) TO EAST OF NC 50 - COMPLETE.												
							D	EAST OF NC 50 TO WEST OF SR 2000 (FALLS OF NEUSE ROAD) - COMPLETE.												
							EA	WEST OF SR 2000 (FALLS OF NEUSE ROAD) TO EAST SR 2013 (GRESHAM LAKE ROAD) - COMPLETE.												
							EB	EAST OF SR 2013 (GRESHAM LAKE ROAD) TO EAST OF US 1 - COMPLETE.												
							F	EAST OF US 1 TO SOUTH OF SR 2215 (BUFFALOE ROAD) - COMPLETE.												
							G	SOUTH OF SR 2215 (BUFFALOE ROAD) TO US 64 EAST NEAR KNIGHTDALE - COMPLETE.												
URBAN PROJECTS																				
DURHAM	NC 55	U-5143	DURHAM, SR 1171 (RIDDLE ROAD) INTERSECTION. CONSTRUCT TURN LANES.		250	250														
								UNDER CONSTRUCTION												
CHATHAM DURHAM ORANGE	VARIOUS	U-4727	DURHAM-CHAPEL HILL-CARRBORO URBAN AREA PLANNING (DCHC) ALLOCATION AND UNIFIED WORK PROGRAM.		13331	6739		STPDA	PE	1229	PE	1434	PE	1150	PE	720	PE	742		
								L	PE	307	PE	358	PE	287	PE	180	PE	185		
								IN PROGRESS												

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS									
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM														
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020										
URBAN PROJECTS																											
CHATHAM DURHAM ORANGE	VARIOUS	U-5023	DURHAM-CHAPEL HILL-CARRBORO (DCHC) DA FUNDS - RESERVED FOR FUTURE PROGRAMMING.		20138		STPDA									C	3730	C	4102	C	4102	C	4102	C	4102		
DURHAM	VARIOUS	U-5146	DURHAM, SIGNAL UPGRADE AT VARIOUS LOCATIONS ON CITY MAINTAINED SYSTEM.		180	180																					
								UNDER CONSTRUCTION																			
DURHAM	VARIOUS	U-5142	INSTALL LED TRAFFIC SIGNALS ON CITY MAINTAINED SYSTEM		550	550																					
								UNDER CONSTRUCTION																			
ORANGE	CARRBORO	U-2803	SR 1919 (SMITH LEVEL ROAD), ROCK HAVEN ROAD TO BRIDGE NO. 88. WIDEN TO MULTI-LANES.	0.6	11051	3601	S	R	3100																		
							S				C	4350															
								PLANNING/DESIGN/RIGHT OF WAY IN PROGRESS																			
DURHAM ORANGE	DURHAM CHAPEL HILL	EB-4707	SR 2220 (OLD CHAPEL HILL ROAD)- SR 1838 (OLD DURHAM ROAD), SR 1116 (GARRETT ROAD) IN DURHAM COUNTY TO US 15-501 IN ORANGE COUNTY. BICYCLE IMPROVEMENTS.	2.7	5450 6450	1450	STPDA	C	3200	C	800																
							C	C	800	C	200																
								DIVISION DESIGN/LET - IN PROGRESS																			
ORANGE	CHAPEL HILL	U-3306	SR 1733 (WEAVER DAIRY ROAD), NC 86 TO SR 1734 (ERWIN ROAD). CORRIDOR UPGRADE, PART ON NEW LOCATION.	2.8	17125	11025	STP	C	6100																		
								RIGHT OF WAY/CONSTRUCTION IN PROGRESS																			
DURHAM ORANGE	CHAPEL HILL	U-4704	CHAPEL HILL-CARRBORO COMPUTERIZED TRAFFIC SIGNAL SYSTEM.		5450	5450																					
								UNDER CONSTRUCTION																			
DURHAM ORANGE	CHAPEL HILL	U-5119	BUS RAPID TRANSIT OPERATIONAL IMPROVEMENTS		625		STPDA	PE	48																		
							C	PE	12																		
							STPDA			C	452																
							C			C	113																
								PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN																			
ORANGE	CHAPEL HILL	U-0624	NC 86 (SOUTH COLUMBIA STREET), SR 1906 (PUREFOY ROAD) TO SR 1902 (MANNING DRIVE). CORRIDOR UPGRADE TO INCLUDE BICYCLE LANES.	0.7	7310	3010	STP			C	4300																
								RIGHT OF WAY IN PROGRESS																			
ORANGE	CHAPEL HILL	U-5304	US 15-501, NC 86 (SOUTH COLUMBIA STREET) TO SR 1742 (EPHESUS CHURCH ROAD). SIDEWALKS, WIDE OUTSIDE LANES AND TRANSIT ACCOMMODATIONS. INCLUDE INTERSECTION IMPROVEMENTS AT EPHESUS CHURCH ROAD	4.0	5150 10150		NHS									C	5150	C	5000			C	5150				

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
URBAN PROJECTS																		
DURHAM	DURHAM	U-4720*	US 70, LYNN ROAD TO THE PROPOSED NORTHERN DURHAM PARKWAY. (COORDINATE WITH U-4721)	7.8														
UNFUNDED LOOP PROJECT - THE CROSS SECTION FOR THIS PROJECT WILL BE ESTABLISHED BY MUTUAL AGREEMENT OF THE MPO AND NCDOT THROUGH THE STATE AND FEDERAL ENVIRONMENTAL REVIEW PROCESS																		
DURHAM	DURHAM	U-5151	DURHAM, SR 1670 (GEER STREET) AT MIAMI BOULEVARD. INTERSECTION REDESIGN.		80	80												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5122	NC 98, SR 1838 (JUNCTION ROAD) TO SR 1811 (SHERRON ROAD). MILL AND RESURFACE.		1285	1285												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5124	DURHAM, SR 1978 (OLD PAGE ROAD), SR 1926 (ANGIER AVENUE) TO SR 2095 (PAGE ROAD EXTENSION). PATCH AND RESURFACE.		128	128												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5126	US 501 BYPASS (DUKE STREET), SR 1443 (HORTON ROAD) TO HUDSON STREET. MILL AND RESURFACE.		770	770												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-3804	SR 1321 (HILLDALE ROAD), I-85 TO SR 1407 (CARVER STREET). WIDEN TO MULTI-LANES.	0.7	11941	11941												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5127	DURHAM, SR 1321 (HILLDALE-FULTON STREET), I-85 TO SR 1320 (ERWIN ROAD). MILL AND RESURFACE.		300	300												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5150	DURHAM, WILLIAM PENN STREET AT BEN FRANKLIN STREET. INSTALL TRAFFIC SIGNAL.															
UNDER CONSTRUCTION - LET WITH U-5148																		
DURHAM	DURHAM	U-5149	DURHAM, RENAISSANCE PARKWAY AT SOUTHPOINT MALL ENTRANCE NEAR SOUTHPOINT CINEMA AND AT AMERICAN TOBACCO TRAIL. INSTALL TRAFFIC SIGNALS.		300	300												
UNDER CONSTRUCTION																		
DURHAM	DURHAM	U-5148	DURHAM, NORTHPOINTE DRIVE, HOME DEPOT TO KROGER. INSTALL TRAFFIC SIGNAL.		400	400												
UNDER CONSTRUCTION - INCLUDES U-5150																		

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TCC 1/26/2011 Attachment 5B

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED																			
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS																		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020																				
FEDERAL BRIDGE PROJECTS																																					
ORANGE	US 70 BYPASS	B-4962	ENO RIVER. REPLACE BRIDGE NO. 46		6600		FA										R	600																			
							FA												C	6000																	
ORANGE	SR 1002	B-4216	STROUDS CREEK. REPLACE BRIDGE NO. 66		1054	1054		UNDER CONSTRUCTION																													
ORANGE	SR 1005	B-5348	PHIL'S CREEK. REPLACE BRIDGE NO. 85		1063		FA												R	97																	
							FA														C	966															
DURHAM	SR 1116	B-3450	NEW HOPE CREEK. REPLACE BRIDGE NO. 217, SANDY CREEK. REPLACE BRIDGE NO. 122.		4986	4986		UNDER CONSTRUCTION																													
DURHAM	SR 1616	B-4943	DIAL CREEK (LAKE MICHIE). REPLACE BRIDGE NO. 20.		477		NFA												R	40																	
							NFA												U	52																	
							NFA															C	385														
ORANGE	VARIOUS	B-5191	BRIDGE EXPANSION JOINT REPAIRS AT SELECTED LOCATIONS.		160	160		UNDER CONSTRUCTION																													
CHATHAM	VARIOUS	BD-5108	DIVISION 8 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	400	R	500								
HOKE							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	3600	C	4500								
LEE																																					
MONTGOMERY																																					
MOORE																																					
RANDOLPH																																					
RICHMOND																																					
SCOTLAND																																					
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																																					
DURHAM	VARIOUS	BD-5105	DIVISION 5 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	400	R	500								
FRANKLIN							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	3600	C	4500								
GRANVILLE																																					
PERSON																																					
VANCE																																					
WAKE																																					
WARREN																																					
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																																					

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TCC 1/26/2011 Attachment 5B

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS												
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM																	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020													
FEDERAL BRIDGE PROJECTS																													
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	BD-5107	DIVISION 7 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		36000	2000	NFA	R	600	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500		
							NFA	C	5400	C	1800	C	1800	C	1800	C	1800	C	2700	C	3600	C	3600	C	3600	C	4500		
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																													
MITIGATION PROJECTS																													
CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	VARIOUS	EE-4908	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 8 PROJECT MITIGATION.		8756	8756																							
IN PROGRESS																													
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	EE-4905	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 5 PROJECT MITIGATION.		5167	5167																							
IN PROGRESS																													
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	EE-4907	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 7 PROJECT MITIGATION.		7221	7221																							
IN PROGRESS																													
BICYCLE AND PEDESTRIAN PROJECTS																													
ORANGE	VARIOUS	EB-5108	SR 1112 (DAIRYLAND ROAD), SR 1111 UNION (CHAPEL GROVE ROAD) TO SR 1006 (ORANGE GROVE ROAD). ADD WIDE PAVED SHOULDERS.																										
SCHEDULED FOR FEASIBILITY STUDY																													

Draft STIP

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED							
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
BICYCLE AND PEDESTRIAN PROJECTS																				
ORANGE	CARRBORO CHAPEL HILL	EL-4995	DRY CREEK GREENWAY.		736	36												C	700	
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN - IN PROGRESS																				
ORANGE	CARRBORO	EL-4994	BOLIN CREEK GREENWAY.		1476	738	STPDA	C	590											
							C	C	148											
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN																				
ORANGE	CARRBORO	U-3100B	SR 1107 (OLD FAYETTEVILLE ROAD), NC 54 TO SR 1106 (STROUD LANE). PROVIDE BICYCLE AND PEDESTRIAN FACILITIES AND TRANSIT ACCOMMODATIONS.	0.5	6534	6534														
UNDER CONSTRUCTION - PROJECT U-3100A COMPLETE																				
ORANGE	CHAPEL HILL	EB-5110	BOLIN CREEK GREENWAY, NC 86 (MARTIN LUTHER KING, JR. BOULEVARD TO UMSTEAD PARK.																	
SCHEDULED FOR FEASIBILITY STUDY																				
ORANGE	COUNTYWIDE	EB-3606	BICYCLE ROUTE MAPPING AND SIGNING.		50	50														
IN PROGRESS																				
CHATHAM	DURHAM	EB-2921F	AMERICAN TOBACCO RAIL TRAIL. DURHAM COUNTY LINE TO WAKE COUNTY LINE. CONSTRUCT A MULTI-PURPOSE TRAIL.		2392	2392														
UNDER CONSTRUCTION																				
ORANGE	SR 1006 ORANGE GROVE ROAD	EB-4980	CONSTRUCT PEDESTRIAN BRIDGE OVER I-40.																	
SCHEDULED FOR FEASIBILITY STUDY																				
CONGESTION MITIGATION PROJECTS																				
DURHAM ORANGE WAKE	TRIANGLE TRANSIT AUTHORITY	C-5173	EXPANDED EXPRESS BUS SERVICE, HOLLY SPRINGS TO DOWNTOWN RALEIGH VIA APEX AND CARY. OPERATING ASSISTANCE TO EXTEND CURRENT ROUTE BETWEEN APEX AND DOWNTOWN RALEIGH AND CONSTRUCT TWO NEW PARK AND RIDE LOTS.		4466		CMAQ				PE	281								
							O				PE	70								
							CMAQ				R	1283								
							O				R	321								
							CMAQ				C	655								
							O				C	164								
							CMAQ				O	451	O	451						
							O				O	113	O	113	O	113				

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED							
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
CONGESTION MITIGATION PROJECTS																				
ORANGE	CARRBORO	C-5181	JONES CREEK GREENWAY, CONSTRUCT A 100 FOOT BRIDGE AND 650 FOOT PAVED TRAIL TO FILL GAP BETWEEN THE CARRBORO UPPER BOLIN TRAIL AND TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM TO SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE ELEMENTRY SCHOOL.	300				CMAQ				PE	24							
								C				PE	6							
								CMAQ				C	206							
								C				C	52							
								CMAQ						N	10					
								C						N	2					
DURHAM ORANGE	CHAPEL HILL	C-5104	PURCHASE TWO (2) HYBRID ELECTRIC BUSES AND PROVIDE PORTION OF OPERATING EXPENSE FOR THREE YEARS.	2100	1979			CMAQ	O	97										
								C	O	24										
								IN PROGRESS												
ORANGE	CHAPEL HILL	C-5177	MLK, JR. SHARED PATHWAY, CONSTRUCT PATHWAY ALONG MLK, JR. BOULEVARD, HOMESTEAD ROAD TO PINEY MOUNTAIN ROAD.	906				CMAQ				R	180							
								C				R	45							
								CMAQ				C	545							
								C				C	136							
ORANGE	CHAPEL HILL	C-5179	NORTH ESTES DRIVE, CONSTRUCT A TEN FOOT PATHWAY, FIVE FOOT SIDEWALKS AND A FOUR FOOT BIKE LANE.	1182				CMAQ				R	166							
								C				R	41							
								CMAQ						C	780					
								C						C	195					
MECKLENBURG ORANGE	CHARLOTTE HILLSBOROUGH	C-5111	INSTALL TWO STATE MAINTAINED E-85 FUELING SITES.	250	250			IN PROGRESS												
CHATHAM DURHAM FRANKLIN GRANVILLE HARNETT JOHNSTON ORANGE WAKE	TRIANGLE J COUNCIL OF GOVERNMENTS	C-5102	TRIANGLE TRANSPORTATION DEMAND MANAGEMENT PROGRAM SERVICES FOR EMPLOYERS AND ORGANIZATIONS IN THE TRIANGLE OZONE NON-ATTAINMENT REGION. MARKETING AND OUTREACH.	8028	1627			CMAQ	N	343	A	N	371	A						
								O	N	86	A	N	93	A						
								CMAQ	N	279	B	N	299	B						
								O	N	70	B	N	75	B						
								CMAQ				N	382	B	N	385	B	N	458	B
								O				N	423	B	N	431	B	N	496	B

A CAPITAL AREA MPO PARTICIPATION - IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENT.
 B DURHAM-CHAPEL HILL-CARRBORO MPO PARTICIPATION - IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENT.

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
CONGESTION MITIGATION PROJECTS																		
ORANGE	COUNTYWIDE HILLSBOROUGH	C-4932A	CONSTRUCT A PARK AND RIDE SHELTER AND INSTALL BIKE RACKS ON BUSES. SECTION A: DURHAM-CHAPEL HILL-CARRBORO (DCHC) MPO TO PARTICIPATE IN CONSTRUCTION AND OPERATING ASSISTANCE FOR ONE YEAR FOR A NEW TRANSIT SERVICE.		93	93												
								IN PROGRESS										
DURHAM	DURHAM	C-4928	MORREENE ROAD, NEAL ROAD TO ERWIN ROAD. CONSTRUCT BIKE LANES AND SIDEWALKS.	1441			STPDA C 931											
							CMAQ C 222											
							C C 288											
								PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY										
DURHAM	DURHAM	C-4929	BICYCLE PARKING PROGRAM. INSTALL BIKE RACKS AT VARIOUS LOCATIONS.	48	48													
								IN PROGRESS										
DURHAM	DURHAM	C-5103	PURCHASE TWO (2) HYBRID ELECTRIC BUSES AND PROVIDE PORTION OF OPERATING ASSISTANCE FOR TWO YEARS.	1686	1686													
								IN PROGRESS										
DURHAM	DURHAM	C-5175	DURHAM AREA TRANSIT AUTHORITY (DATA) OPERATING ASSISTANCE FOR NEW FIXED ROUTE.	2438			CMAQ C					O 951		O 999				
												O 238		O 250				
DURHAM	DURHAM	C-5178	CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD. CONSTRUCT SIDEWALKS.	336			CMAQ C							C 269				
														C 67				
DURHAM	DURHAM	C-5180	DURHAM AREA TRANSIT AUTHORITY (DATA), REPLACEMENT OF FIVE HYBRID CUTAWAYS (LIGHT TRANSIT VEHICLES).	729			CMAQ C							A 583				
														A 146				
DURHAM	DURHAM	C-5182	HOPE VALLEY ROAD, CONSTRUCT SIDEWALKS AND BIKE LANES BETWEEN MLK, JR. PARKWAY AND US 15-501 BUSINESS	1386			CMAQ C								R 107			
															R 27			
															C 1002			
															C 250			

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED															
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS															
CONGESTION MITIGATION PROJECTS																																	
DURHAM	DURHAM	C-5183	CONSTRUCT SIDEWALKS.		2127		CMAQ										C	778	A														
							C										C	194	A														
							CMAQ													C	924	B											
							C													C	231	B											
							A CAMERON BOULEVARD, ERWIN ROAD AND DUKE UNIVERSITY ROAD.																										
							B ALSTON AVENUE, CARPENTER FLETCHER ROAD TO SEDWICK ROAD.																										
DURHAM	DURHAM	C-4702	TEN (10) - REPLACEMENT BUSES.		3000	3000		IN PROGRESS - FUNDS FLEXED TO FEDERAL TRANSIT ADMINISTRATION																									
ORANGE	HILLSBOROUGH	C-5184	RIVERWALK TRAIL, PHASE III. CONSTRUCT A PAVED OFF-ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA.		621		CMAQ												PE	40													
							C												PE	10													
							CMAQ												R	183													
							C												R	250													
							C														C	138											
DURHAM	ORANGE	WAKE	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). DEVELOP A FLEXIBLE WORK SCHEDULE FOR EMPLOYEES AND ORGANIZATIONS IN TRIANGLE OZONE NON-ATTAINMENT AREA FOR THREE YEARS.		5626	300	CMAQ					N	481		N	482		N	572		N	620		N	640								
							C					N	423		N	430		N	496		N	579		N	603								
							A DEVELOP FLEXIBLE WORK SCHEDULES FOR EMPLOYEES IN CAPITAL AREA MPO (CAMPO) - IN PROGRESS.																										
							B DEVELOP FLEXIBLE WORK SCHEDULES FOR EMPLOYEES IN DURHAM-CHAPEL HILL-CARRBORO (DCHC) - IN PROGRESS.																										
							IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENTS																										
ENHANCEMENT PROJECTS (LOCAL PROJECTS)																																	
ORANGE	VARIOUS	EL-5103	CARRBORO, INSTALL BUS SHELTERS AT SELECTED LOCATIONS.		76	76		UNDER CONSTRUCTION BY TOWN																									
CHATHAM	DURHAM	ORANGE	DCHC URBAN AREA BICYCLE AND PEDESTRIAN ALLOCATION.		11941	4606	STPDA	C	1980		C	1578		C	2184		C	126															
							C	C	495		C	395		C	546		C	31															
							PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY OTHERS - IN PROGRESS																										
ORANGE	CARRBORO	EL-4828	MORGAN CREEK GREENWAY (WEST), SMITH LEVEL ROAD TO UNIVERSITY LAKE. CONSTRUCT GREENWAY.		535	40	STPDA	C	396																								
							C	C	99																								
							PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN - IN PROGRESS																										

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					UNFUNDED						
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS	
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
ENHANCEMENT PROJECTS (LOCAL PROJECTS)																			
ORANGE	CHAPEL HILL	EL-4601	MORGAN CREEK GREENWAY (EAST). US 15-501-CULBETH ROAD TO SMITH LEVEL ROAD. TEN FOOT MULTI-USE ASPHALT PATH INCLUDING ACCESS TO MERRITT PASTURE.		1290	1290													
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN - IN PROGRESS																			
DURHAM	DURHAM	EL-4999	BICYCLE AND PEDESTRIAN TRAILS IN DURHAM AND DURHAM COUNTY. ACQUISITION OF RAIL CORRIDORS AND CONSTRUCTION.																
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY - PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY OTHERS																			
DURHAM	DURHAM	EL-2921E	AMERICAN TOBACCO RAIL TRAIL. NC 54 TO CHATHAM COUNTY LINE. CONSTRUCT A MULTI-PURPOSE TRAIL.		5762	5762													
PARTS A-D COMPLETE; PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY - IN PROGRESS																			
DURHAM	DURHAM	U-4445	NC 147 (DURHAM FREEWAY), NEAR ALSTON AVENUE. CONSTRUCT PEDESTRIAN BRIDGE OVER NC 147 AND REMOVE EXISTING SUBSTANDARD PEDESTRIAN BRIDGE.		2000	2000													
UNDER CONSTRUCTION BY OTHERS																			
DURHAM	DURHAM	U-4724	CORNWALLIS ROAD, SOUTH ROXBORO ROAD TO UNIVERSITY DRIVE. BIKE AND PEDESTRIAN FEATURES.		1970		STPDA	C	1576										
								C	C	394									
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY CITY																			
HAZARD ELIMINATION PROJECTS																			
ORANGE	US 70 NC 751	SF-4907B	INSTALL RIGHT TURN LANE.		165	165													
IN PROGRESS																			
ORANGE	NC 86	W-5318	NC 57 TO CASWELL COUNTY LINE. GEOMETRIC IMPROVEMENTS, PAVED SHOULDERS AND RUMBLE STRIPS.	12.2	4654		HES				R	227							
								HES					C	4427					
ORANGE	NC 57 NC 157	SF-4907C	WIDEN NC 57 FOR LEFT TURN LANES AND INSTALL A TRAFFIC SIGNAL AT THE INTERSECTION OF NC 157.		654	54	HES			R	50								
								HES			C	550							
IN PROGRESS																			
CHATHAM	NC 751	SF-4908I	INTERSECTION WITH SR 1731 (O'KELLY CHURCH ROAD). INSTALL TRAFFIC SIGNAL AND LEFT TURN LANE.		593	593													
UNDER CONSTRUCTION																			

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TCC 1/26/2011 Attachment 5B

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
HAZARD ELIMINATION PROJECTS																		
CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	VARIOUS	W-5208	DIVISION 8 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		100	100												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																		
ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	W-5207	DIVISION 7 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		500	500												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - UNDER CONSTRUCTION																		
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	W-5205	DIVISION 5 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		180	180												
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																		
DURHAM	DURHAM	W-5110	NC 55 (ALSTON AVENUE) AT LAWSON STREET. CONSTRUCT LEFT TURN LANES ON NC 55.	0.2	975		HES	R	500									
								HES			C	475						

Draft STRIP

* INDICATES INTRASTATE PROJECT

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS	
					FUNDS		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
PASSENGER RAIL PROJECTS																			
ALAMANCE	AMTRAK	P-2918	TRAIN 73/74 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH AND CAPITAL YARD MAINTENANCE FACILITY.	194910	103248		S(5)	O	2600	O	2600	O	2600	O	2600	O	2600		
CABARRUS							T2001	O	4000	O	4000	O	4000	O	4000	O	4000		
DURHAM							STHSR	PE	50	E									
GUILFORD							STHSR	O	478	E									
MECKLENBURG							STHSR	PE	160	F	PE	154	F						
ROWAN							STHSR	C	8711	F	C	4679	F						
WAKE							STHSR	C	6257	G									
							STHSR	PE	51	H									
							STHSR	R	567	H									
							STHSR	C	3797	H									
							STHSR	PE	91	I									
							STHSR	C	667	I									
							A EQUIPMENT REBUILD - 2 F59PHI LOCOMOTIVES - IN PROGRESS. B PURCHASE 2 USED LOCOMOTIVES - ACQUIRED. C EQUIPMENT REHAB - 3 LOCOMOTIVES - IN PROGRESS. D EQUIPMENT REHAB - 3 PASSENGER CARS - IN PROGRESS. E PASSENGER TRAIN SECURITY SYSTEM, CCTVDATA NETWORK AND GENERATORS - IN PROGRESS. F CRISP CHARLOTTE MAINTENANCE FACILITY TRACK EXTENSION AND SHOP BUILDING - IN PROGRESS. G EQUIPMENT - PURCHASE 4 USED PASSENGER CARS AND REHAB 7 - IN PROGRESS. H CAPITAL YARD PHASE 1 IMPROVEMENTS - EXTEND TRACKS 1 AND 2, MAJOR WORK TRACK 3 - IN PROGRESS. I EQUIP 9 STATIONS AND PLATFORMS WITH ADA/FRA PIDS - IN PROGRESS.												
							IN PROGRESS												
ALAMANCE	AMTRAK	P-2908	CAPITAL AND OPERATIONS COST OF TRAIN 79/80 BETWEEN CHARLOTTE AND ROCKY MOUNT.	47795	35795		S(5)	O	2400	O	2400	O	2400	O	2400	O	2400		
CABARRUS																			
DURHAM																			
EDGEcombe																			
GUILFORD																			
JOHNSTON																			
MECKLENBURG																			
NASH																			
ROWAN																			
WAKE																			
WILSON																			
							IN PROGRESS												
ORANGE	CARRBORO	Z-4007B	SR 1927 (BREWER ROAD) IN CARRBORO AT NORFOLK SOUTHERN RAILWAY CROSSING 735 179M. SAFETY IMPROVEMENTS.	95	95														
							FUNDED - CONSTRUCTION NOT AUTHORIZED												
DURHAM	DURHAM	P-3802	STATION CONSTRUCTION.	1250	1250		CMAQ												
							UNDER CONSTRUCTION												

* INDICATES INTRASTATE PROJECT

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Section 3 – Statewide TIP (*Transit*)

This section has the pages from the Statewide Transit STIP that contain projects in the DCHC MPO planning area, including:

- Durham Area Transit Authority (DATA) projects
- Chapel Hill Transit (CHT) projects
- Triangle Transit projects
- Rural Operating Assistance Program (ROAP) in Durham, Orange and Chatham counties
- Statewide transit programs

An explanation of the table format and keys for the funding sources and work types can be found at the beginning of the Local Supplement of the STIP, which is in a previous section of this document.

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM											UNFUNDED FUTURE YEARS							
						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM												
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020								
WAKE	CAPITAL AREA TRANSIT	TD-4943	FACILITY: TRANSIT CENTER - MOORE SQUARE STATION EXPANSION.	3300		FBUS	800	800	800															
						L	100	100	100															
						STAT	100	100	100															
WAKE	CAPITAL AREA TRANSIT	TD-5116	FACILITY: PARK & RIDE	3503	875	FUZ	700	700	700															
						L	88	88	88															
						STAT	88	88	88															
WAKE	CAPITAL AREA TRANSIT	TG-5113S	SAFETY & SECURITY	861	135	FUZ	64	50	54	20	125	105	118	95	53	42								
WAKE	CAPITAL AREA TRANSIT	TO-5128	OPERATING ASSISTANCE	28292	2572	STAT	2572	2572	2572	2572	2572	2572	2572	2572	2572	2572								
WAKE	CAPITAL AREA TRANSIT	TP-5100	PLANNING ASSISTANCE - 5303/04	2299	209	FMPL	167	167	167	167	167	167	167	167	167	167								
						L	21	21	21	21	21	21	21	21	21	21								
						STAT	21	21	21	21	21	21	21	21	21	21								
WAKE	CAPITAL AREA TRANSIT	TT-4908	SURVEILLANCE CAMERAS	1084	542	FUZ																		
						L																		
						STAT																		
WAKE	CARY/C-TRAN	TD-4912	FACILITY: PARK & RIDE - NEW HOPE CHURCH RD	1192		CMAQ			797															
						L			395															
WAKE	CARY/C-TRAN	TG-4935	ROUTINE CAPITAL: AUTOMATED PASSENGER COUNTER	284		L	57																	
						STPDA	227																	
WAKE	CARY/C-TRAN	TG-5114S	SAFETY & SECURITY	75		FUZ							14	11	11	8	8							
WAKE	CARY/C-TRAN	TO-5129	OPERATING ASSISTANCE	25191	1881	L	1900	2000	2200	2500	2600	1700	1900	2000	2200	2500								
						STAT	181	181	181	181	181	181	181	181	181	181								
ORANGE	CHAPEL HILL TRANSIT	C-5104	EXPANSION BUS (2) HYBRID - PLUS 3 YRS OPS	238	117	CMAQ	97																	
						L	24																	
ORANGE	CHAPEL HILL TRANSIT	TA-4726	REPLACEMENT BUS - ARTICULATED HYBRID	31493	9998	FUZ	4896	2608			1939	1939	1939	1939	1939									
						L	612	326			242	242	242	242	242									
						STAT	612	326			242	242	242	242	242									
ORANGE	CHAPEL HILL TRANSIT	TA-4748	REPLACEMENT BUS: PARATRANSIT	3633	703	FUZ			923	634	157	157	157	157	157									
						L			79	79	20	20	20	20	20									
						STAT			115	115	20	20	20	20	20									
ORANGE	CHAPEL HILL TRANSIT	TA-4979	REPLACEMENT VANS (16)	1685	703	FUZ	160		634															
						L	15		79															
						STAT	15		79															

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
				FISCAL YEARS													
				STATE TRANSPORTATION IMPROVEMENT PROGRAM													
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
ORANGE	CHAPEL HILL TRANSIT	TG-4731	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	14915	1659	FUZ	955	984	1013	1043	1074	1074	1074	1074	1074		
						L	239	246	253	261	269	269	269	269	269		
						STPDA	204										
ORANGE	CHAPEL HILL TRANSIT	TG-4732	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	771	70	FUZ	32	432	56								
						L	59	108	14								
ORANGE	CHAPEL HILL TRANSIT	TG-4732C	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT	436	240	FUZ											
						L											
ORANGE	CHAPEL HILL TRANSIT	TG-5120S	SAFETY & SECURITY	1617	262	FUZ	79	59	45	36	340	331	317	61	61	26	
ORANGE	CHAPEL HILL TRANSIT	TO-5133	OPERATING ASSISTANCE	39270	3570	STAT	3570	3570	3570	3570	3570	3570	3570	3570	3570	3570	
ORANGE	CHAPEL HILL TRANSIT	TT-5109	TECHNOLOGY: FCC RADIO UPGRADE	1656		L	331										
						STPDA	1325										
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4710	EXPANSION BUS	43750	14389	CMAQ	460	460									
						FUZ	6566	6885									
						L	3236	10368									
						STAT	678	708									
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4785	REPLACEMENT BUS - (C-5106)	5000	1000	CMAQ	800	800	800	800							
						L	100	100	100	100							
						STAT	100	100	100	100							
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-5121	REPLACEMENT BUS	112372	13929	FUZ	6566	6885			9335	9335	9335	9335	9335		
						L	3236	10368			1166	1166	1166	1166	1166		
						STAT	678	708			1166	1166	1166	1166	1166		
MECKLENBURG	CHARLOTTE AREA TRANSIT	TC-4701	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	7920	720	JARC	360	360	360	360	360	360	360	360	360	360	
						L	360	360	360	360	360	360	360	360	360	360	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4702	FACILITY: TRANSIT CENTER IMPROVEMENTS	10000	2900	FUZ	1680	2320	1680								
						L	210	290	210								
						STAT	210	290	210								
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4703	FACILITY: MAINTENANCE N. DAVIDSON ST.	8500	8500												
MECKLENBURG	CHARLOTTE AREA TRANSIT	TD-4704	FACILITY: PARK & RIDE	14700	3300	CMAQ	1600	2600									
						FUZ	400		2000								
						L	550	2475	950								
						STAT	250	325	250								
MECKLENBURG	CHARLOTTE AREA TRANSIT	TE-4901	FIXED: NE CORRIDOR TRANSITWAY - PLANS, DESIGN, ACQUISITION, CONSTRUCTION	1710000	36000	FNS	32000	70000	130000	95000	85000	85000	85000	85000	85000		
						L	16000	35000	65000	47500	42500	42500	42500	42500	42500		
						STAT	16000	35000	65000	47500	42500	42500	42500	42500	42500		

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS										
						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM														
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020									
MECKLENBURG	CHARLOTTE AREA TRANSIT	TE-5103	FIXED: CHARLOTTE STREETCAR - PLANS, DESIGN, ACQUISITION, CONSTRUCTION	127400		L			6500		27750		26750		2700											
						STAT			6500		27750		26750		2700											
MECKLENBURG	CHARLOTTE AREA TRANSIT	TG-5101S	SAFETY & SECURITY	11940	2121	FUZ		1210		1505		2097		1662		1354		394		450		403		407		337
MECKLENBURG	CHARLOTTE AREA TRANSIT	TN-4701	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	3807	288	FNF		244		254		270		280		294		294		294		294		294		294
						L		61		64		68		70		74		74		74		74		74		74
MECKLENBURG	CHARLOTTE AREA TRANSIT	TO-4796	OPERATING ASSISTANCE - DOWNTOWN SHUTTLE (C-5107)	1300	1300																					
MECKLENBURG	CHARLOTTE AREA TRANSIT	TO-5137	OPERATING ASSISTANCE	138072	12552	STAT		12552		12552		12552		12552		12552		12552		12552		12552		12552		12552
MECKLENBURG	CHARLOTTE AREA TRANSIT	TT-4906	TECHNOLOGY: BUS LOCATION, ON-BOARD COMPUTERS, COMPUTER SOFTWARE & HARDWARE	38750	2500	FUZ		2000		3000		3000		3000		3000		3000		3000		3000		3000		3000
						L		250		375		375		375		375		375		375		375		375		375
						STAT		250		375		375		375		375		375		375		375		375		375
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-4901	FIXED GUIDEWAY MODERNIZATION	7400	500	FMOD		350		600		650		800		300		350		600		650		800		
						L		100		100		100		100		100		100		100		100		100		
						STAT		100		100		100		100		100		100		100		100		100		
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-5102	FIXED GUIDEWAY MODERNIZATION - BRIDGE PROGRAM - INSPECTION & EMERGENCY REPAIRS	7000	500	FMOD		350		600		650		800		300		350		600		650		800		
						L		44		75		81		100		100		44		75		81		100		
						STAT		44		75		81		100		100		44		75		81		100		
MECKLENBURG	CHARLOTTE AREA TRANSIT	TW-5104	FIXED GUIDEWAY MODERNIZATION - BUS AND RAIL STATE OF GOOD REPAIR	7000	500	FMOD		350		600		650		800				300		350		600		650		800
						L		44		75		81		100				100		44		75		81		100
						STAT		44		75		81		100				100		44		75		81		100
DURHAM	DURHAM/DATA	TA-4923	REPLACEMENT BUS - HYBRID	32502	4800	FUZ		3840		3840		3840		3840		1133		1133		1133		1133		1133		1133
						L		480		480		480		480		142		142		142		142		142		142
						STAT		480		480		480		480		142		142		142		142		142		142
DURHAM	DURHAM/DATA	TA-5019	REPLACEMENT: PARATRANSIT VANS	841		CMAQ						583														
						FUZ		90																		
						L		11				146														
						STAT		11																		
DURHAM	DURHAM/DATA	TG-4738	ROUTINE CAPITAL: PREVENTIVE MAINTENANCE, SPARE PARTS, EQUIPMENT, PASSENGER AMENITIES, SERVICE VEHICLES	36864	3763	FUZ		2535		2582		2670		2670		2670		2670		2670		2670		2670		2670
						L		634		646		668		668		668		668		668		668		668		668
DURHAM	DURHAM/DATA	TG-4738A	PREVENTIVE MAINTENANCE: FIXED ROUTE	28749	3035	FUZ		2535		2535		2582		2670		2535		2535		2535		2535		2582		2670
DURHAM	DURHAM/DATA	TG-4738B	PREVENTIVE MAINTENANCE - PARATRANSIT	500	500																					
DURHAM	DURHAM/DATA	TG-5115S	SAFETY & SECURITY	2209	242	FUZ		233		232		330		235		192		156		147		147		147		148

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
DURHAM ORANGE	DURHAM/DATA	TN-5102	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1386	126	FNF L	63	63	63	63	63	63	63	63	63	63	63		
DURHAM	DURHAM/DATA	TO-5130	OPERATING ASSISTANCE	2438		CMAQ L			951	999									
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4948	REPLACEMENT BUS	5742	5742														
CUMBERLAND	FAYETTEVILLE TRANSIT	TD-4708	FACILITY: INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	1400	1400														
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5119S	SAFETY & SECURITY	340	84	FUZ		219											
CUMBERLAND	FAYETTEVILLE TRANSIT	TM-5130	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATION COST	4488	408	JARC L	204	204	204	204	204	204	204	204	204	204	204		
CUMBERLAND	FAYETTEVILLE TRANSIT	TN-5101	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	2134	194	FNF L	97	97	97	97	97	97	97	97	97	97	97		
CUMBERLAND	FAYETTEVILLE TRANSIT	TO-5132	OPERATING ASSISTANCE	5874	534	STAT	534	534	534	534	534	534	534	534	534	534	534		
CUMBERLAND	FAYETTEVILLE TRANSIT	TP-5103	PLANNING ASSISTANCE - 5303/04 FUNDS	736	66	FMPL L STAT	53	53	53	53	53	53	53	53	53	53	53	53	53
GASTON	GASTONIA TRANSIT	TA-4926	EXPANSION BUS	1642	400	FUZ L STAT													
GASTON	GASTONIA TRANSIT	TD-5113	FACILITY: INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	21900	800	FBUS L STAT	3600	13280											
GASTON	GASTONIA TRANSIT	TG-5117	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	341	227	FUZ L													
GASTON	GASTONIA TRANSIT	TG-5126S	SAFETY & SECURITY	274	27	FUZ	36	133						5	5	5	5		
GASTON	GASTONIA TRANSIT	TO-5142	OPERATING ASSISTANCE	2937	267	STAT	267	267	267	267	267	267	267	267	267	267	267		
WAYNE	GATEWAY	TA-4762	REPLACEMENT BUS - 35'	1870	700	FUZ L STAT	966												
WAYNE	GATEWAY	TA-4908	EXPANSION BUS	325	325														
WAYNE	GATEWAY	TD-4712	FACILITY: INTERMODAL CENTER - UNION STATION	1704	1704														

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Urban With Funds)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

FISCAL YEARS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS						
						FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM										
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020					
ALAMANCE FORSYTH GUILFORD	PART - Burlington- Graha	TP-5108	PLANNING ASSISTANCE - 5303/04 FUNDS	265	25	FMPL	20	20	20	20	20	20	20	20	20	20	20	20	20			
						L	2	2	2	2	2	2	2	2	2	2	2	2	2			
						STAT	2	2	2	2	2	2	2	2	2	2	2	2	2			
CABARRUS	RIDER/CONCORD	TA-4961	REPLACEMENT BUS	3000		FUZ								600	600	600	600	600				
						L								75	75	75	75	75				
						STAT								75	75	75	75	75				
CABARRUS	RIDER/CONCORD	TG-5103	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	1180		L	28	28	28	28	28	28	28	28	28	28	28	28	28			
						STAT	90	90	90	90	90	90	90	90	90	90	90	90	90			
CABARRUS	RIDER/CONCORD	TG-5125S	SAFETY & SECURITY	118		FUZ	30	30						34	8	8	8					
CABARRUS	RIDER/CONCORD	TO-5138	OPERATING ASSISTANCE	23163	313	L	986	986	986	986	986	986	986	986	986	986	986	986	986			
						STAT	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299	1299			
ROWAN	SALISBURY	TO-5201	OPERATING ASSISTANCE	2486	226	STAT	226	226	226	226	226	226	226	226	226	226	226	226	226			
EDGECOMBE NASH	TAR RIVER TRANSIT	TA-4909	REPLACEMENT: PARATRANSIT VANS	159	53	FUZ								106								
EDGECOMBE NASH	TAR RIVER TRANSIT	TD-4718	FACILITY: REGIONAL TRANSFER / ADMIN.	2500	250	FUZ								2250								
EDGECOMBE NASH	TAR RIVER TRANSIT	TD-4910	FACILITY: TRANSIT STOPS IN COMM. AREAS	84	40	FUZ								36								
						L								4								
						STAT								4								
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-4785A	ADA PARATRANSIT SERVICE	920		FUZ	74	74	74	74	74	74	74	74	74	74	74	74	74			
						L	18	18	18	18	18	18	18	18	18	18	18	18	18			
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-4785B	PREVENTIVE MAINTENANCE: FIXED ROUTE	3490		FUZ	279	279	279	279	279	279	279	279	279	279	279	279	279			
						L	70	70	70	70	70	70	70	70	70	70	70	70	70			
EDGECOMBE NASH	TAR RIVER TRANSIT	TG-5112S	SAFETY & SECURITY	27	3	FUZ								24								
EDGECOMBE NASH	TAR RIVER TRANSIT	TO-5127	OPERATING ASSISTANCE	8354	844	FUZ	392	392	392	392	392	392	392	392	392	392	392	392	392			
						L	78	78	78	78	78	78	78	78	78	78	78	78	78			
						STAT	281	281	281	281	281	281	281	281	281	281	281	281	281			
WAKE	TRIANGLE TRANSIT	TA-4818	REPLACEMENT BUS: (11) OVER THE ROAD COACHES CAMPO FUNDED	5500	5500																	
WAKE	TRIANGLE TRANSIT	TA-4818A	REPLACEMENT BUS	14620	1820	FUZ	1456	1456	1456	1456	1456	1456	1456	736	736	736	736	736	736			
						L	182	182	182	182	182	182	182	92	92	92	92	92	92			
						STAT	182	182	182	182	182	182	182	92	92	92	92	92	92			

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4818B	REPLACEMENT BUS	10722	1170	FUZ	936	936	936	936	650	650	650	650	650		
						L	117	117	117	117	81	81	81	81	81		
						STAT	117	117	117	117	81	81	81	81	81		
WAKE	TRIANGLE TRANSIT	TA-4994	REPLACEMENT BUS: PARATRANSIT (4) LIGHT TRANSIT VEHICLES - CAMPO FUNDED	220	220												
WAKE	TRIANGLE TRANSIT	TA-5123A	EXPANSION BUS	13800	1380	FUZ	1104	1104	1104	1104	920	920	920	920	920		
						L	138	138	138	138	115	115	115	115	115		
						STAT	138	138	138	138	115	115	115	115	115		
DURHAM ORANGE	TRIANGLE TRANSIT	TA-5123B	EXPANSION BUS	9570	1380	FUZ	728	728	728	728	606	606	606	606	608		
						L	91	91	91	91	76	76	76	76	76		
						STAT	91	91	91	91	76	76	76	76	76		
DURHAM ORANGE	TRIANGLE TRANSIT	TG-4821	ROUTINE CAPITAL: SIGNS, BENCHES, SHELTERS, SPARE PARTS, FAREBOX REPLACEMENT, SHOP & OFFICE EQUIPMENT, ETC.	11313	1313	FUZ	800	800	800	800	800	800	800	800	800		
						L	200	200	200	200	200	200	200	200	200		
WAKE	TRIANGLE TRANSIT	TG-5116S	SAFETY & SECURITY	1982	49	FUZ	198	30	30	30	297	272	269	269	269		
DURHAM ORANGE	TRIANGLE TRANSIT	TG-5123S	SAFETY & SECURITY	1982	49	FUZ	198	30	30	30	297	272	269	269	269		
WAKE	TRIANGLE TRANSIT	TM-5123A	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	3828	348	JARC	174	174	174	174	174	174	174	174	174		
						L	174	174	174	174	174	174	174	174	174		
DURHAM ORANGE CHATHAM	TRIANGLE TRANSIT VARIOUS	TM-5123B	JOB ACCESS / REVERSE COMMUTE: CAPITAL, PLANNING, OPERATING COST	3828	348	JARC	174	174	174	174	174	174	174	174	174		
						L	174	174	174	174	174	174	174	174	174	174	
WAKE	TRIANGLE TRANSIT	TM-5129A	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1716	156	FNF	78	78	78	78	78	78	78	78	78		
						L	78	78	78	78	78	78	78	78	78		
DURHAM ORANGE CHATHAM	TRIANGLE TRANSIT VARIOUS	TM-5129B	NEW FREEDOM - BEYOND AM. DISABILITY ACT REQUIREMENTS	1716	156	FNF	78	78	78	78	78	78	78	78	78		
						L	78	78	78	78	78	78	78	78	78		
WAKE	TRIANGLE TRANSIT	TO-5131	OPERATING ASSISTANCE	10736	976	STAT	976	976	976	976	976	976	976	976	976		
DURHAM ORANGE	TRIANGLE TRANSIT	TO-5135	OPERATING ASSISTANCE	10736	976	STAT	976	976	976	976	976	976	976	976	976		
WILSON	WILSON	TO-5202	OPERATING ASSISTANCE	2288	208	STAT	208	208	208	208	208	208	208	208	208		
FORSYTH	WINSTON SALEM - MPO	TP-5105	PLANNING ASSISTANCE - 5303/04 FUNDS	1133	103	FMPL	83	83	83	83	83	83	83	83	83		
						L	10	10	10	10	10	10	10	10			
						STAT	10	10	10	10	10	10	10	10	10		
FORSYTH	WINSTON SALEM TRANSIT	TA-4795	REPLACEMENT BUS - PARATRANSIT - LOW FLOOR	182	182												

FUNDING AMOUNTS TO BE UPDATED

FUNDING AMOUNTS TO BE UPDATED

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
WAKE	CARY/C-TRAN	TD-4918u	FACILITY: QUEUE JUMP LANES - DAVIS DRIVE.														
WAKE	CARY/C-TRAN	TD-5201u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TD-5209u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TD-5214u	FACILITY: MAINTENANCE & OPERATIONS														
WAKE	CARY/C-TRAN	TG-5213u	PREVENTIVE MAINTENANCE: PARATRANSIT														
WAKE	CARY/C-TRAN	TG-5214u	PREVENTIVE MAINTENANCE: FIXED ROUTE														
WAKE	CARY/C-TRAN	TG-5215u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT														
WAKE	CARY/C-TRAN	TO-5202u	OPERATING ASSISTANCE														
ORANGE	CHAPEL HILL TRANSIT	TA-4726Au	REPLACEMENT BUS	886	886	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-4979Au	REPLACEMENT VANS - SAFE-RIDE	427	210	FED						31		31			
ORANGE	CHAPEL HILL TRANSIT	TA-4981u	REPLACEMENT: SEDANS/WAGONS/4X4	117	117	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-4995u	EXPANSION BUS	3600	3600	FED											
ORANGE	CHAPEL HILL TRANSIT	TA-5114u	EXPANSION BUS - HILLSBOROUGH CIRCULATOR	198	198	FED											
ORANGE	CHAPEL HILL TRANSIT	TD-4710u	FACILITY: PARK & RIDE	3500	3500	FED											
ORANGE	CHAPEL HILL TRANSIT	TD-5204u	FACILITY: INTERMODAL CENTER - HILLSBOROUGH	150	150	FED											
ORANGE DURHAM	CHAPEL HILL TRANSIT TRIANGLE TRANSIT	TE-4706Au	FIXED GUIDEWAY: LIGHT RAIL SERVICE-DURHAM- CHAPEL HILL-RIGHT-OF-WAY	5600	5600	FED											
ORANGE DURHAM	CHAPEL HILL TRANSIT TRIANGLE TRANSIT	TE-4706Bu	FIXED GUIDEWAY: LIGHT RAIL - ALTERNATIVES ANALYSIS, PE & DESIGN - DURHAM-CHAPEL HILL														
ORANGE	CHAPEL HILL TRANSIT	TG-4732Du	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT														
ORANGE	CHAPEL HILL TRANSIT	TG-5217u	PREVENTIVE MAINTENANCE: FIXED ROUTE														
ORANGE	CHAPEL HILL TRANSIT	TG-5218u	SECURITY AND SAFETY														
ORANGE	CHAPEL HILL TRANSIT	U-5119u	FIXED GUIDEWAYS: BUS RAPID TRANSIT OPERATIONAL IMPROVEMENTS	169626	626	FED		16900		16900		16900		16900		16900	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4710Au	REPLACEMENT BUS - DEBT SERVICE PAYMENT (C-4954)	65639	33539	FED		3210		3210		3210		3210		3210	
MECKLENBURG	CHARLOTTE AREA TRANSIT	TA-4711u	REPLACEMENT: PARATRANSIT FLEET	2500	2500	FED											

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
CABARRUS	CONCORD	TG-5221u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																
CABARRUS	CONCORD	TT-5203u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																
DURHAM	DURHAM/DATA	TA-4755u	EXPANSION BUS - HYBRID	25296	5296	FED		2000		2000		2000		2000		2000		2000	
DURHAM	DURHAM/DATA	TA-4923Au	REPLACEMENT BUS	5330		FED		533		533		533		533		533		533	
DURHAM	DURHAM/DATA	TA-4923Bu	REPLACEMENT BUS - HYBRID	4650		FED		465		465		465		465		465		465	
DURHAM	DURHAM/DATA	TA-5105u	REPLACEMENT BUS: PARATRANSIT VEH.																
DURHAM	DURHAM/DATA	TA-5117u	REPLACEMENT BUS: PARATRANSIT VEH.																
DURHAM	DURHAM/DATA	TD-4945u	FACILITY: PARK & RIDE																
DURHAM	DURHAM/DATA	TE-5201u	FIXED GUIDEWAY: NCRR GRADE SEPARATIONS AND TRACK REALIGNMENTS IN DURHAM COUNTY	8034	8034	FED													
DURHAM	DURHAM/DATA	TG-5222u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																
DURHAM	DURHAM/DATA	TT-4911u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4743u	REPLACEMENT VANPOOL VANS.																
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4955u	EXPANSION - VANPOOLS VANS																
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4990u	EXPANSION BUS																
CUMBERLAND	FAYETTEVILLE TRANSIT	TA-4999u	EXPANSION BUS: SMALL																
CUMBERLAND	FAYETTEVILLE TRANSIT	TD-4708u	FACILITY - INTERMODAL CENTER: NEW DESIGN, ACQUISITION, CONSTRUCTION	13700		FED				13700									
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5223u	SECURITY AND SAFETY																
CUMBERLAND	FAYETTEVILLE TRANSIT	TG-5224u	SERVICE VEHICLES : SUPERVISOR, TOW, SUPPORT																
CUMBERLAND	FAYETTEVILLE TRANSIT	TT-5204u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY																
GASTON	GASTONIA TRANSIT	TA-5103u	REPLACEMENT BUS: 35' HYBRID ELECTRIC	25000		FED		2500		2500		2500		2500		2500		2500	
GASTON	GASTONIA TRANSIT	TA-5109u	REPLACEMENT BUS - HYBRID	1500	1500	FED													
GASTON	GASTONIA TRANSIT	TA-5111u	REPLACEMENT BUS: 35' HYBRID ELECTRIC																

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM										
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020						
WAKE	TRIANGLE TRANSIT	TA-4992Au	EXPANSION - VANPOOLS VANS	300	300	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4992Bu	EXPANSION - VANPOOLS VANS	300	300	FED																
WAKE	TRIANGLE TRANSIT	TA-4993Au	EXPANSION - PARATRANSIT FLEET	121	121	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4993Bu	EXPANSION - PARATRANSIT FLEET	121	121	FED																
WAKE	TRIANGLE TRANSIT	TA-4994Au	REPLACEMENT: PARATRANSIT FLEET	121	121	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TA-4994Bu	REPLACEMENT: PARATRANSIT FLEET	121	121	FED																
WAKE	TRIANGLE TRANSIT	TA-5107u	REPLACEMENT VANPOOL VANS.																			
DURHAM ORANGE	TRIANGLE TRANSIT	TA-5108u	REPLACEMENT VANPOOL VANS.																			
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TA-5123Bu	EXPANSION BUS	7464	910	FED		728		728		728		728		607		607		607		607
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TD-4941u	FACILITY: PARK & RIDE: NELSON ROAD EXPANSION	500	500	FED																
WAKE	TRIANGLE TRANSIT	TD-4944u	FACILITY: I-40 BUS BYPASS SHOULDER PROJECT.	40	40	FED																
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TE-4705Bu	FIXED: AIRPORT RAIL PROJECT-PLANNING/PE/DEIS																			
WAKE	TRIANGLE TRANSIT	TE-4903Au	FIXED GUIDEWAY: LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM DESIGN PHASE 1	1000	1000	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TE-4903Bu	FIXED GUIDEWAY: LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM DESIGN PHASE 1	1000	1000	FED																
DURHAM ORANGE	TRIANGLE TRANSIT	TE-4903Du	FIXED GUIDEWAY: TRIANGLE TRANSIT LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM																			
WAKE	TRIANGLE TRANSIT	TE-4903Eu	FIXED GUIDEWAY: TRIANGLE TRANSIT LIGHT RAIL SERVICE-RALEIGH-RTP-DURHAM																			
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5246u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT																			

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5247u	PREVENTIVE MAINTENANCE: FIXED ROUTE														
DURHAM ORANGE WAKE	TRIANGLE TRANSIT	TG-5248u	PREVENTIVE MAINTENANCE: PARATRANSIT														
FORSYTH	WINSTON SALEM TRANSIT	TA-4795Au	REPLACEMENT BUS: SMALL BUS (8)	13700		FED				13700							
FORSYTH	WINSTON SALEM TRANSIT	TA-4795Bu	REPLACEMENT BUS SMALL	592	592	FED											
FORSYTH	WINSTON SALEM TRANSIT	TA-4931u	REPLACEMENT BUS	23680	23680	FED											
FORSYTH	WINSTON SALEM TRANSIT	TD-4734Bu	FACILITY: INTERMODAL STATION	5917		FED		891		1835		1031		974		1186	
FORSYTH	WINSTON SALEM TRANSIT	TG-5249u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT	19105		FED				6118		6301				6686	
FORSYTH	WINSTON SALEM TRANSIT	TG-5250u	PREVENTIVE MAINTENANCE: FIXED ROUTE	774		FED								581		193	
FORSYTH	WINSTON SALEM TRANSIT	TT-5211u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY	674		FED				674							
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5101u	REPLACEMENT BUS	7500		FED		7500									
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5104u	EXPANSION BUS	2108		FED		2108									
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TA-5110u	EXPANSION BUS														
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TG-5251u	SECURITY AND SAFETY	1000		FED		1000									

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TG-5253u	SERVICE VEHICLES FLEET: SUPERVISOR, TOW, SUPPORT															
ALEXANDER BURKE CALDWELL CATAWBA	WPRTA	TT-5107u	TECHNOLOGY: VEH. TRACKING, PASSENGER INFO, DATA COMMUNICATIONS, TRAFFIC SIGNAL PRIORITY															
DURHAM ORANGE	TRIANGLE TRANSIT	TD-4944Bu	FACILITY: I-40 BUS BYPASS SHOULDER PROJECT.	40	40	FED												

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
CLEVELAND GASTON IREDELL LINCOLN		TJ-5109	OPS FOR EMPLOYMENT TRANSPORTATION	1727	157	OAWP	157	157	157	157	157	157	157	157	157			
BUNCOMBE, HAYWOOD MADISON TRANSYLVANNIA		TJ-5110	OPS FOR EMPLOYMENT TRANSPORTATION	946	86	OAWP	86	86	86	86	86	86	86	86	86			
HOKE RICHMOND ROBESON SCOTLAND		TJ-5111	OPS FOR EMPLOYMENT TRANSPORTATION	1782	162	OAWP	162	162	162	162	162	162	162	162	162			
BLADEN CUMBERLAND HARNETT SAMPSON		TJ-5112	OPS FOR EMPLOYMENT TRANSPORTATION	1903	173	OAWP	173	173	173	173	173	173	173	173	173			
BRUNSWICK COLUMBUS PENDER		TJ-5113	OPS FOR EMPLOYMENT TRANSPORTATION	1309	119	OAWP	119	119	119	119	119	119	119	119	119			
DUPLIN GREENE LENOIR WAYNE		TJ-5114	OPS FOR EMPLOYMENT TRANSPORTATION	924	84	OAWP	84	84	84	84	84	84	84	84	84			
MCDOWELL POLK RUTHERFORD		TJ-5115	OPS FOR EMPLOYMENT TRANSPORTATION	550	50	OAWP	50	50	50	50	50	50	50	50	50			
CHATHAM LEE MOORE ORANGE		TJ-5116	OPS FOR EMPLOYMENT TRANSPORTATION	880	80	OAWP	80	80	80	80	80	80	80	80	80			
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TJ-5117	OPS FOR EMPLOYMENT TRANSPORTATION	473	43	OAWP	43	43	43	43	43	43	43	43	43			

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							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
DAVIE STOKES SURRY YADKIN		TJ-5118	OPS FOR EMPLOYMENT TRANSPORTATION	715	65	OAWP	65	65	65	65	65	65	65	65	65	65			
DURHAM WAKE		TJ-5119	OPS FOR EMPLOYMENT TRANSPORTATION	1617	147	OAWP	147	147	147	147	147	147	147	147	147	147			
FRANKLIN GRANVILLE PERSON VANCE WARREN		TJ-5120	OPS FOR EMPLOYMENT TRANSPORTATION	847	77	OAWP	77	77	77	77	77	77	77	77	77	77			
EDGECOMBE JOHNSTON NASH WILSON		TJ-5121	OPS FOR EMPLOYMENT TRANSPORTATION	1243	113	OAWP	113	113	113	113	113	113	113	113	113	113			
CABARRUS ROWAN		TJ-5122	OPS FOR EMPLOYMENT TRANSPORTATION	594	54	OAWP	54	54	54	54	54	54	54	54	54	54			
CHEROKEE		TJ-5123	OPS FOR EMPLOYMENT TRANSPORTATION																
HENDERSON		TJ-5124	OPS FOR EMPLOYMENT TRANSPORTATION	374	34	OAWP	34	34	34	34	34	34	34	34	34	34			
GUILFORD		TJ-5125	OPS FOR EMPLOYMENT TRANSPORTATION	1287	117	OAWP	117	117	117	117	117	117	117	117	117	117			
MECKLENBURG		TJ-5126	OPS FOR EMPLOYMENT TRANSPORTATION	2618	238	OAWP	238	238	238	238	238	238	238	238	238	238			
NEW HANOVER		TJ-5127	OPS FOR EMPLOYMENT TRANSPORTATION	440	40	OAWP	40	40	40	40	40	40	40	40	40	40			
FORSYTH		TJ-5128	OPS FOR EMPLOYMENT TRANSPORTATION	803	73	OAWP	73	73	73	73	73	73	73	73	73	73			
ALAMANCE		TJ-5129	OPS FOR EMPLOYMENT TRANSPORTATION	561	51	OAWP	51	51	51	51	51	51	51	51	51	51			
CAMDEN CHOWAN CURRITUCK DARE GATES HYDE PASQUOTANK PERQUIMANS TYRRELL WASHINGTON		TL-5101	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	6017	547	EDTAP	547	547	547	547	547	547	547	547	547	547			

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PUBLIC TRANSPORTATION PROGRAM
(ROAP)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS	
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
HOKE RICHMOND ROBESON SCOTLAND		TL-5111	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3839	349	EDTAP	349	349	349	349	349	349	349	349	349			
BLADEN CUMBERLAND HARNETT SAMPSON		TL-5112	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4884	444	EDTAP	444	444	444	444	444	444	444	444	444			
BRUNSWICK COLUMBUS PENDER		TL-5113	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3927	357	EDTAP	357	357	357	357	357	357	357	357	357			
DUPLIN GREENE LENOIR WAYNE		TL-5114	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3762	342	EDTAP	342	342	342	342	342	342	342	342	342			
MCDOWELL POLK RUTHERFORD		TL-5115	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	2563	233	EDTAP	233	233	233	233	233	233	233	233	233			
CHATHAM LEE MOORE ORANGE		TL-5116	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3938	358	EDTAP	358	358	358	358	358	358	358	358	358			
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TL-5117	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4356	396	EDTAP	396	396	396	396	396	396	396	396	396			
DAVIE STOKES SURRY YADKIN		TL-5118	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	3498	318	EDTAP	318	318	318	318	318	318	318	318	318			
DURHAM WAKE		TL-5119	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	5412	492	EDTAP	492	492	492	492	492	492	492	492	492			
FRANKLIN GRANVILLE PERSON VANCE WARREN		TL-5120	OPS FOR ELDERLY AND DISABLED TRANSPORTATION SERVICES.	4136	376	EDTAP	376	376	376	376	376	376	376	376	376			

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(ROAP)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
BRUNSWICK COLUMBUS PENDER		TR-5113	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4752	432	L	39	39	39	39	39	39	39	39	39			
						RGP	393	393	393	393	393	393	393	393	393	393		
DUPLIN GREENE LENOIR WAYNE		TR-5114	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4400	400	L	36	36	36	36	36	36	36	36	36			
						RGP	364	364	364	364	364	364	364	364	364	364		
MCDOWELL POLK RUTHERFORD		TR-5115	OPS FOR GENERAL PUBLIC IN RURAL AREAS	1980	180	L	16	16	16	16	16	16	16	16	16			
						RGP	164	164	164	164	164	164	164	164	164	164		
CHATHAM LEE MOORE ORANGE		TR-5116	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4840	440	L	40	40	40	40	40	40	40	40	40			
						RGP	400	400	400	400	400	400	400	400	400	400		
CHEROKEE CLAY GRAHAM JACKSON MACON SWAIN		TR-5117	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4741	431	L	39	39	39	39	39	39	39	39	39			
						RGP	392	392	392	392	392	392	392	392	392	392		
DAVIE STOKES SURRY YADKIN		TR-5118	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4290	390	L	35	35	35	35	35	35	35	35	35			
						RGP	355	355	355	355	355	355	355	355	355	355		
DURHAM WAKE		TR-5119	OPS FOR GENERAL PUBLIC IN RURAL AREAS	4686	426	L	39	39	39	39	39	39	39	39	39			
						RGP	387	387	387	387	387	387	387	387	387	387		
FRANKLIN GRANVILLE PERSON VANCE WARREN		TR-5120	OPS FOR GENERAL PUBLIC IN RURAL AREAS	5038	458	L	42	42	42	42	42	42	42	42	42			
						RGP	416	416	416	416	416	416	416	416	416	416		
EDGECOMBE JOHNSTON NASH WILSON		TR-5121	OPS FOR GENERAL PUBLIC IN RURAL AREAS	5522	502	L	46	46	46	46	46	46	46	46	46			
						RGP	456	456	456	456	456	456	456	456	456	456		
CABARRUS ROWAN		TR-5122	OPS FOR GENERAL PUBLIC IN RURAL AREAS	3091	281	L	26	26	26	26	26	26	26	26	26			
						RGP	255	255	255	255	255	255	255	255	255	255		
CHEROKEE		TR-5123	OPS FOR GENERAL PUBLIC IN RURAL AREAS	682	62	L	6	6	6	6	6	6	6	6	6			
						RGP	56	56	56	56	56	56	56	56	56	56		

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

PUBLIC TRANSPORTATION PROGRAM
(Statewide)

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS			
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM								
						FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019		FY 2020		
STATEWIDE		TI-9701	INTERCITY BUS SERVICE	87700	7800	FNU	2950	3000	3500	3500	4000	4000	4500	4500	5000	5000			
						L	2950	3000	3500	3500	4000	4000	4500	4500	5000	5000			
STATEWIDE		TK-9701A	RECOVERY ACT FUNDED CAPITAL ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	25147	25147														
STATEWIDE		TK-9701B	RECOVERY ACT FUNDED STATE ADMINISTRATION AND OVERSIGHT FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	2925	2925														
STATEWIDE		TK-9702	CAPITAL ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	81574	6940	FNU	4800	5500	5200	5250	5300	5400	6000	6000	6000	6000	6000		
						L	600	668	650	656	663	675	750	750	750	750	750		
						STCP	1062	1217	1151	1162	1173	1195	1328	1328	1328	1328	1328		
STATEWIDE		TK-9703	PROJECT ADMINISTRATION, NCDOT ADMINISTRATION OVERSIGHT, AND PLANNING ASSISTANCE FOR RURAL AREA GENERAL PUBLIC TRANSIT SERVICES	240923	18875	FNU	15000	15500	16000	16500	17000	17000	17000	17000	17000	17000	17000		
						L	2812	1938	2000	2062	2125	2125	2125	2125	2125	2125	2125		
						STAT	2300	3429	3540	3651	3761	3761	3761	3761	3761	3761	3761		
STATEWIDE		TK-9704A	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR ELDERLY AND DISABLED PERSONS TRANSIT SERVICE	52116	3115	FEPD	6500	3200	3400	3600	3800	4000	4200	4400	4600	4800			
						L	102	50	53	56	59	62	66	69	72	600			
						STAT	812	400	425	450	475	500	525	550	575	600			
STATEWIDE		TK-9704B	OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR ELDERLY AND DISABLED PERSONS TRANSIT SERVICE	840	542	L	13	6	7	7	7	8	8	9	9	75			
						STAT	13	6	7	7	7	8	8	9	9	75			
STATEWIDE		TL-9701	OPERATING ASSISTANCE FOR RURAL ARE GENERAL PUBLIC TRANSIT SERVICES	60956	4270	FNU	1092	1196	1256	1319	1385	1454	1526	1526	1526	1526			
						L	3392	3714	3900	4095	4300	4515	4741	4741	4741	4741			
STATEWIDE		TM-9701	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR DISABLED PERSONS' TRANSIT SERVICES	28468	1605	FNF	3100	1650	1733	1819	1910	2006	2106	2211	2322	2438			
						L	880	206	217	227	239	251	263	276	290	305			
						STAT	140	206	217	227	239	251	263	276	290	305			
STATEWIDE		TM-9702	CAPITAL, OPERATING ASSISTANCE AND PROGRAM ADMINISTRATOR FOR EMPLOYMENT TRANSIT SERVICES	43455	1419	JARC	5024	2500	2625	2756	2894	3039	3191	3350	3518	3694			
						L	1291	622	653	686	720	756	794	833	875	919			
						STAT	205	99	104	109	115	120	126	133	139	146			
STATEWIDE		TP-5200	PLANNING AND SUPPORT ACTIVITIES	4923	373	FMPL	364	364	364	364	364	364	364	364	364	364			
						STAT	91	91	91	91	91	91	91	91	91	91			
STATEWIDE		TT-9702	TECHNOLOGY PROJECTS IN URBAN AREAS	10828	1244	L	147	100	89	89	89	89	89	89	89	89			
						UTCH	1325	900	800	800	800	800	800	800	800	800			

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Section 4 – Statewide TIP (*Other*)

The Statewide TIP includes all projects in the FY 2012-2018 State TIP that are statewide in scope. Since a portion of these various projects may occur within the DCHC MPO, these projects must be listed in the MTIP. The Statewide TIP is listed on the following pages.

An explanation of the table format and keys for the funding sources and work types can be found at the beginning of the Local Supplement of the STIP, which is in a previous section of this document.

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
INTERSTATE PROJECTS																	
STATEWIDE	I-95	M-0412	CORRIDORS OF THE FUTURE PROGRAM. INTERSTATE MAINTENANCE DISCRETIONARY FUNDS (IMD) FOR IMPROVEMENTS TO I-95 FROM FLORIDA TO VIRGINIA. NORTH CAROLINA TO PROVIDE FUNDS TO ADJOINING STATES UNDER TERMS OF AN AGREEMENT.		16800	16800											
IN PROGRESS																	
STATEWIDE	VARIOUS	I-9999	IM BALANCE.	0.0													
STATEWIDE	VARIOUS	I-9998	INTERSTATE PREVENTATIVE MAINTENANCE.														
RURAL PROJECTS																	
STATEWIDE	VARIOUS	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.		1372	372	S	N	100	N	100	N	100	N	100	N	100
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT	0.0	1500	1500											
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		15980	5980	S	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		14900	5900	S	PE	900	PE	900	PE	900	PE	900	PE	900
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITIATIVES.		3000	3000											
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		6978	2978	S	PE	400	PE	400	PE	400	PE	400	PE	400
IN PROGRESS																	
STATEWIDE	VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		2800	1200	S	PE	160	PE	160	PE	160	PE	160	PE	160
IN PROGRESS																	
STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		375230	175230	STP	C	20000	C	20000	C	20000	C	20000	C	20000
IN PROGRESS																	

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
RURAL PROJECTS																			
STATEWIDE	VARIOUS	R-4500	ECONOMIC DEVELOPMENT.		10000		S	C	5000	C	5000								
IN PROGRESS																			
STATEWIDE	VARIOUS	R-2929	NATIONAL PARKS SERVICE SPOT SAFETY AND SIGN REHABILITATION.	0.0	1000		FLPP	C	100	C	100	C	100	C	100	C	100	C	100
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																			
STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		41878	16878	STP	N	2500	N	2500	N	2500	N	2500	N	2500	N	2500
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT)		103412	63412	STP	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4066	WETLAND RESTORATION PROGRAM. COMPLETION OF WATERSHED ASSESSMENT PLANS IN ALL SEVENTEEN (17) RIVER BASINS TO IDENTIFY WETLAND AND STREAM RESTORATION PROJECTS FOR MITIGATION.		17500	17500													
IN PROGRESS																			
STATEWIDE	VARIOUS	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORECASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.		1494	494	S	F	100	F	100	F	100	F	100	F	100	F	100
IN PROGRESS																			
STATEWIDE	VARIOUS	R-2930	NATIONAL PARKS SERVICE EMERGENCY PAVEMENT REHABILITATION.	0.0	700		FLPP	C	70	C	70	C	70	C	70	C	70	C	70
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																			
STATEWIDE	VARIOUS	R-4454	IMPROVEMENT PROJECTS THAT FURTHER ECONOMIC GROWTH AND DEVELOPMENT IN SMALL URBAN AND RURAL AREAS.		47000	47000													
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC)	0.0	230792	100792	IM	C	9750	C	9750	C	9750	C	9750	C	9750	C	9750
							NHS	C	3250	C	3250	C	3250	C	3250	C	3250	C	3250
IN PROGRESS																			
STATEWIDE	VARIOUS	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		22632	12632	STP	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000
IN PROGRESS																			

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																	
								5 YEAR WORK PROGRAM															FUTURE YEARS												
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020																		
FEDERAL BRIDGE PROJECTS																																			
STATEWIDE	VARIOUS	BR-5100	REHABILITATE BRIDGES AT SELECTED LOCATIONS.		150000		FA						C	25000	C	25000	C	25000	C	25000	C	25000													
SCHEDULED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY																																			
STATEWIDE	VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																													
UNDER CONSTRUCTION																																			
STATEWIDE	VARIOUS	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																													
IN PROGRESS																																			
BICYCLE AND PEDESTRIAN PROJECTS																																			
STATEWIDE	VARIOUS	EB-5130	BICYCLE MAPS AND ROUTES. REVISE, UPDATE, REPRINT MAPS AND SIGN ROUTES.		600		STPEB	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A	
A NORTH CAROLINA BICYCLE HIGHWAY MAPS. B LOCAL BICYCLE MAPS. C URBAN, REGIONAL AND COUNTY BICYCLE MAPS.																																			
STATEWIDE	VARIOUS	EB-2956	STATEWIDE BICYCLE PROGRAM.	0.0	13645	8645	STPEB	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500				
IN PROGRESS																																			
STATEWIDE	VARIOUS	EB-2966	SAFETY-EDUCATION PROJECTS.	0.0	670	420	STPEB	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25				
IN PROGRESS																																			
STATEWIDE	VARIOUS	EB-4012	NORTH CAROLINA BICYCLING HIGHWAYS NO. 10 (SANDHILLS SECTOR): MAPPING AND SIGNING.	0.0																															
DELETED - WORK TO BE ACCOMPLISHED UNDER EB-3120																																			
STATEWIDE	VARIOUS	EB-4013	SPOT IMPROVEMENTS: SHORT PAVEMENT SECTIONS, BICYCLE RACKS AND SIGNING NEEDS.	0.0	3830	2830	STPEB	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100						
IN PROGRESS																																			
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.		9880	7880	STPEB	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200						
IN PROGRESS																																			
STATEWIDE	VARIOUS	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	0.0	5600	4100	STPEP	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150						
IN PROGRESS																																			
STATEWIDE	VARIOUS	EB-5118	STATEWIDE BIKE AND PEDESTRIAN FACILITY DEVELOPMENT.		3331	3331																													
IN PROGRESS																																			

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED			
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS		
							FUNDS	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
BICYCLE AND PEDESTRIAN PROJECTS																				
STATEWIDE	VARIOUS	EB-9999	BIKE-PEDESTRIAN BALANCE		30000			STPEB						C	5000					
													C	5000	C	5000	C	5000	C	5000
STATEWIDE	REGIONAL	EB-4410	AREA-WIDE BICYCLE IMPROVEMENTS FEASIBILITY STUDIES.		200	150		STPEB	F	5	F	5	F	5	F	5	F	5	F	5
													F	5	F	5	F	5	F	5
IN PROGRESS																				
CONGESTION MITIGATION PROJECTS																				
STATEWIDE	NC RAILROAD	C-4901	RAIL DIVISION, CONSTRUCT A SECOND MAIN LINE BETWEEN THOMASVILLE AND LEXINGTON IN DAVIDSON COUNTY.		52295	7776		STHSR	PE	1119	PE	1135	PE	1154						
								STHSR	R	2749	R	5852	R	5951						
								STHSR	C	4475	C	12045	C	7789						
								O	C	750	C	750	C	750						
								A NCRRIP - RESTORE DOUBLE TRACK, BOWERS TO LAKE - UNDER CONSTRUCTION.												
STATEWIDE	VARIOUS	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.	0.0	6702	6702														
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																				
STATEWIDE	VARIOUS	C-4982	TRANSPORTATION OPERATIONS CENTER TO ALLOW COORDINATED STATE AND REGIONAL TRANSPORTATION FUNCTIONS IN CONJUNCTION WITH THE STATE HIGHWAY PATROL COMMUNICATIONS CENTER AND OTHER EMERGENCY SERVICES PROVIDERS.		6900	6900														
IN PROGRESS																				
STATEWIDE	NON-ATTAINMENT AND MAINTENANCE AREAS	C-5100	SCHOOL BUS DIESEL PARTICULATE FILTER AND CLOSED CASE VENTILATION SYSTEM RETROFITS.		2000	2000														
IN PROGRESS BY DEPARTMENT OF AIR QUALITY																				
STATEWIDE	NORTH CAROLINA DIVISION OF AIR QUALITY	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	500		CMAQ	N	80	N	80	N	80	N	80	N	80	N	80
								O	N	20	N	20	N	20	N	20	N	20	N	20
IN PROGRESS BY DEPARTMENT OF AIR QUALITY																				
STATEWIDE	STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS		123000			CMAQ												

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED		
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS		
HAZARD ELIMINATION PROJECTS																				
STATEWIDE	VARIOUS	W-5301	LANE DEPARTURE SYSTEMIC IMPROVEMENTS.		50000		HES	C	5000	C	5000	C	5000	C	5000	C	5000			
STATEWIDE	VARIOUS	W-4716	MEDIAN INLET REPLACEMENT PROJECT.																	
UNDER CONSTRUCTION																				
STATEWIDE	VARIOUS	W-4714	RUMBLE STRIPS, SHOULDERS, ROADSIDE SAFETY IMPROVEMENTS, AUXILIARY TURN LANES, RAISED PAVEMENT MARKERS AND PROFILE PAVEMENT MARKINGS.		10050	50	HES	C	1000	C	1000	C	1000	C	1000	C	1000			
STATEWIDE	VARIOUS	W-4447	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		75829	23829	HES	PE	5200	PE	5200	PE	5200	PE	5200	PE	5200			
IN PROGRESS																				
STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		10000		HES	C	1000	C	1000	C	1000	C	1000	C	1000			
SAFE ROUTES TO SCHOOLS																				
STATEWIDE	VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		1925	925	SRTS	N	100	N	100	N	100	N	100	N	100			
IN PROGRESS																				
STATEWIDE	VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL COMSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		45307	1307	SRTS	R	400	R	400	R	400	R	400	R	400			
							SRTS	C	4000	C	4000	C	4000	C	4000	C	4000			
IN PROGRESS																				
STATEWIDE	VARIOUS	P-3809	RAILROAD SAFETY INSPECTIONS IN ALL FOURTEEN (14) DIVISIONS.		5810	4310	RR	I	50	I	50	I	50	I	50	I	50			
							T2001	I	100	I	100	I	100	I	100	I	100			
IN PROGRESS																				
STATEWIDE	VARIOUS	P-4702	MAINTENANCE OF RAILROAD TRACK AND SIGNAL IMPROVEMENTS.		14130	5730	T2001	C	840	C	840	C	840	C	840	C	840			
IN PROGRESS																				
STATEWIDE	VARIOUS	P-5202	ENVIRONMENTAL STUDIES FOR RAIL CAPITAL PROJECTS.		19251		T2001	C	1750	C	1787	C	1824	C	1863	C	1902			
STATEWIDE	VARIOUS	P-4701	CAPACITY AND TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS, NEW EQUIPMENT AND MATCH FOR FEDERAL FUNDS.		173118	98518	T2001	C	7460	C	7460	C	7460	C	7460	C	7460			
							A RESTORE DOUBLE TRACK TO HOSKINS - UNDER CONSTRUCTION.													
PART UNDER CONSTRUCTION																				

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
								5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS				
								FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020					
PASSENGER RAIL PROJECTS																						
STATEWIDE	VARIOUS	P-4700	RAILROAD STATION REHABILITATION PROJECTS.		6900	6900																
IN PROGRESS																						
STATEWIDE	VARIOUS	P-4404	SOUTHEAST HIGH SPEED RAIL CORRIDOR. UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE TO THE VIRGINIA STATE LINE VIA RALEIGH AND CHARLOTTE AND THE APEX/CARY BYPASS SEGMENT.		150	150																
IN PROGRESS																						
STATEWIDE	VARIOUS	P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	0.0	19000	9000		T2001	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000		
IN PROGRESS																						
STATEWIDE	VARIOUS	P-3814	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN SOUTH END SEHSRC TRAFFIC SEPARATION STUDY. RIGHT OF WAY TO BE ACQUIRED BY MUNICIPALITIES.	0.0	597	597																
UNDER CONSTRUCTION																						
STATEWIDE	VARIOUS	P-3419	SEALED CORRIDOR-SELECTED SEHSRC CROSSINGS. MEDIAN BARRIERS, ARTICULATED GATES, FOUR- QUADRANT GATES, WARNING DEVICE REVISIONS, SIGNAGE AND CAMERA SYSTEMS.	0.0	12307	12307																
UNDER CONSTRUCTION																						
STATEWIDE	VARIOUS	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.		132357	2356		T2001												C	130001	
RIGHT OF WAY IN PROGRESS																						
STATEWIDE	VARIOUS	P-5004	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA GOLDSBORO.		192087	3086		T2001													C	189001
RIGHT OF WAY IN PROGRESS																						
STATEWIDE	VARIOUS	P-3418	PLANNING, MANAGEMENT AND RESEARCH STUDIES.	0.0	14367	6367		T2001	F	800	F	800	F	800	F	800	F	800	F	800		
IN PROGRESS																						
STATEWIDE	VARIOUS	P-3309	AT-GRADE CROSSING ELIMINATION AND IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL FOURTEEN (14) DIVISIONS.	0.0	9452	6452		RR	C	150	C	150	C	150	C	150	C	150	C	150		
IN PROGRESS																						

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
PASSENGER RAIL PROJECTS																		
STATEWIDE	VARIOUS	P-3815	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN NEWTON-HICKORY-CONOVER MPO TRAFFIC SEPARATION STUDY.	0.0	1620	1620												
UNDER CONSTRUCTION																		
STATEWIDE	VARIOUS	Y-4100	HIGHWAY-RAIL CROSSINGS SAFETY IMPROVEMENTS AND INVENTORY PASSENGER ROUTES.		15384	5384	RR	C	1000	C	1000	C	1000	C	1000	C	1000	
UNDER CONSTRUCTION																		
STATEWIDE	VARIOUS	Y-9999	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS, PASSENGER ROUTES.		13215	8315	RR	C	490	C	490	C	490	C	490	C	490	
IN PROGRESS																		
STATEWIDE	VARIOUS	Y-4415	HIGHWAY-RAIL CROSSING INVENTORY.		3075	2575	RR	C	50	C	50	C	50	C	50	C	50	
IN PROGRESS																		
STATEWIDE	VARIOUS	Y-4800	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		17285	17285												
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-4100	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS AND INVENTORY.		9000	9000												
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-5200	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.															
IN PROGRESS																		
STATEWIDE	VARIOUS	Z-9999	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS.		90511	25511	RR	C	6500	C	6500	C	6500	C	6500	C	6500	
IN PROGRESS																		
STATEWIDE	CSX	P-5005	HIGH PRIORITY NORTH-SOUTH RAIL CORRIDOR OF THE FUTURE.		25975	950	STHSR	PE	425	A								
							STHSR	R	503	A								
							STHSR	C	5326	A								
							STHSR	PE	430	B								
							STHSR	R	400	B								
							STHSR	C	5941	B								
							T2001	C	4000									
							O	C	8000									
A PIEDMONT CORRIDOR - CSXT MP A 101.0 (ENFIELD CROSSING). B PIEDMONT CORRIDOR - CSXT MP A 115.9 (ARMSTRONG CROSSING).																		
STATEWIDE	NCRR	P-3414	TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS BETWEEN RALEIGH AND CHARLOTTE AND MATCH FEDERAL FUNDS.	0.0	71500	61500	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	
IN PROGRESS																		

* INDICATES INTRASTATE PROJECT

STATEWIDE PROJECTS

FISCAL YEARS: TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED	
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
PASSENGER RAIL PROJECTS																		
STATEWIDE	NCRR-CSX	P-3819	FEDERALLY-DESIGNATED HIGH SPEED RAIL CORRIDOR BETWEEN CHARLOTTE AND VIRGINIA STATE LINE, ENVIRONMENTAL STUDY, PRELIMINARY ENGINEERING, RIGHT OF WAY, DESIGN AND CONSTRUCTION.	260.0	16894	8746	T2001	R	1695									
							O	R	3955									
							STHSR	PE	12	A	PE	12	A	PE	12	A		
							STHSR	R	5	A	R	11	A	R	11	A		
							STHSR	C	478	A	C	967	A	C	990	A		
							A FAIRGROUNDS CROSSING.											
							IN PROGRESS											
STATEWIDE	STATEWIDE	Z-5100	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.															
							IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)																		
STATEWIDE	VARIOUS	K-4704	INTERSTATE REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.		6700	2700	IMPM	C	400	C	400	C	400	C	400	C	400	
							IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)																		
STATEWIDE	VARIOUS	L-1000	REPLACEMENT PLANTS AT SELECTED LOCATIONS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	0.0	3303	2403	PLF	L	90	L	90	L	90	L	90	L	90	
							IN PROGRESS											
STATEWIDE	VARIOUS	L-2133	PLANTING OF PERENNIAL BULBS AND WILDFLOWERS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	0.0	26960	15960	PLF	L	1100	L	1100	L	1100	L	1100	L	1100	
							IN PROGRESS											
STATEWIDE	VARIOUS	L-2500	COLOR AND CANOPY AND TREE PLANTING.	0.0	5743	743	PLF	L	500	L	500	L	500	L	500	L	500	
							IN PROGRESS											
STATEWIDE	VARIOUS	S-5001	NORTH CAROLINA SCENIC BYWAYS LAND CONSERVATION INITIATIVE TO IMPLEMENT RESOURCE PROTECTION AND HERITAGE TOURISM DEVELOPMENT TO ENHANCE AND PRESERVE SCENIC VISTAS AND TOURISM CORRIDORS ALONG 26 OF NORTH CAROLINA'S SCENIC BYWAYS.		316	316												
							IN PROGRESS											

* INDICATES INTRASTATE PROJECT

Section 5 – Public Involvement

The public involvement process is very important for developing a TIP that is comprehensive and reflects the values and desires of the local citizens. Section 6 of this document, “Reference Documents,” provides an excerpt from the DCHC MPO Public Involvement Policy, as adopted on October 11, 2006, that specifically guides the TIP process. Important public involvement events concerning the development of this TIP include the events described below. Note that the proposed dates of these events might change.

Public Comment Period

The public comment period will likely be from January 20, 2011 (one week after the TAC releases the draft MTIP for public comment to allow for any TAC directed changes to the documents to be properly completed) through February 10, 2011 (three weeks after release). During this period, a draft MTIP will be available for review at several key locations, including the MPO Web site – www.dchc-mpo.org and local libraries, and citizens will be provided the opportunity to submit comments to DCHC MPO staff and TAC members.

Public Hearing

The TAC of the DCHC MPO will likely conduct a Public Hearing at 7PM, February 10, 2011, at the Committee Room, 101 City Hall Plaza, Durham, North Carolina. Citizens will be afforded the opportunity to submit oral and written comments to TAC members and TCC staff.

Summary of Public Comments

The DCHC MPO will provide a summary of the public comments that are received in the final FY 2012-2018 MTIP report, and will also make the full-text of comments available to the public by Web site or request.

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Section 6 -- Reference Documents

This section provides documents that are useful for reviewing the draft FY 2012-2018 MTIP and for understanding the MTIP development process.

Regional Priority List

The DCHC MPO adopted a Regional Priority List on February 11, 2009 and forwarded this list to the NCDOT for use in developing the draft FY 2012-2018 STIP. To develop this list, the DCHC MPO uses a methodology that awards points to each project based on established criteria, and then makes adjustments to the subsequent project rankings based on staff and board evaluation.

The following pages present the Regional Priority List and two important references:

- Whether an MPO ranked project is included in the draft STIP; and,
- The statewide ranking of the project in the NCDOT's Strategic Prioritization Process (denoted as SPOT), which uses quantitative data to rank transportation projects. For more information on Strategic Prioritization, see the Web page → <http://www.ncdot.org/performance/reform/prioritization/>

DCHC MPO TIP Regional Priority List – Highway

Approved MPO-wide List (no urban loops)

MPO Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT*
1	Fayetteville Rd. (Woodcroft Pkwy. To Riddle Rd.) widen to 4-lane divided, bike lanes, and sidewalks	Not in draft STIP	#35 Mobility/SubReg/Hwy
2	Ephesus Church Road (US 15-501 to Farrington Road) bike lanes, sidewalks, and safety improvements	Not in draft STIP	#38 Mobility/SubReg/Hwy
3	Erwin Road (15-501 to NC 751) bike lanes, sidewalks, and safety improvements (design may vary along length)	Not in draft STIP	#42 Mobility/SubReg/Hwy
4	Jack Bennett Road [SR1717] (US 15-501 to Lystra Rd. [SR1721]) safety improvements	Not in draft STIP	#2 Safety/SubReg/Safety
5	NC 54 (I-40 east to NC 55) widen to multi-lane divided with transit accommodations, bike lanes, and sidewalks	FS-1005C (page 7) - Scheduled for feasibility study.	#1 Mobility/Regional/Hwy
6	Fordham Boulevard (Columbia St/US 15-501 South to Ephesus Church Road) sidewalks, wide-outside lanes, and transit accommodations	U-5304 (page 4) - \$5,150,000 construction funded in FY 2019	#47 Mobility/Statewide/Hwy
7	Lystra Road [SR 1721] (US 15-501 to Farrington Point Rd. [SR1008]) safety improvements	Not in draft STIP	#12 Health/SubReg/Modern
8	U-4716 Hopson Rd./Church St. grade separation at RR, close Church St. RR crossing	U-4716 (page 7) - Grade separation, rail realignment, double track funded in FY 2011-2013; Church Street crossing closure and Hopson Road widening unfunded.	#26 Mobility/SubReg/Hwy
9	R-2825 South Churton Street Improvements (I-40 to the Eno River)	Not in draft STIP	#87 Mobility/SubReg/Hwy
10	North Greensboro (Weaver to Shelton) paint, median, bicycle signal detection, etc.	Not in draft STIP	#6 Safety/SubReg/Safety
11	Estes Drive (NC86 to Caswell Road) widen existing roadway to include two 12-foot travel lanes, four-foot bicycle lanes and sidewalks.	Not in draft STIP	#104 Mobility/SubReg/Hwy
12	Estes Dr. Extension (Greensboro to NC 86) bike lanes, sidewalks, and transit accommodations and multi-use path to Williams Street	Not in draft STIP	#109 Mobility/SubReg/Hwy
13	Piney Mountain (NC 86 to Riggsbee) turn lanes, sidewalks, bicycle lanes and transit accommodations	Not in draft STIP	#120 Mobility/SubReg/Hwy
14	Franklin/Merritt Mill/Brewer/Main Intersection	Not in draft STIP	#131 Mobility/SubReg/Hwy
15	Orange Grove Rd Extension to US 70 Business	Not in draft STIP	# 136 Mobility/SubReg/Hwy
16	Lystra Road [SR 1721] (Jack Bennett Rd. [SR1717] to west side of N. Chatham Elementary) increase length of turn lanes	Not in draft STIP	#18 Safety/SubReg/Safety

MPO Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT*
17	Jeremiah Drive [SR 1762] (Lystra Rd. [SR 1721] to End) elevate road for flood control	Not in draft STIP	#17 Health/SubReg/Modern
18	Estes/Greensboro roundabout	Not in draft STIP	#171 Mobility/SubReg/Hwy
19	U-3436 Eno Mountain Road, Mayo Street & Orange Grove Road Realignment	Not in draft STIP	#180 Mobility/SubReg/Hwy
20	U-2405 Martin Luther King Jr. Pkwy./NC 55 intersection extend to Cornwallis Rd. bridge over RR	Not in draft STIP	#91 Mobility/Regional/Hwy
21	NC 54 (I-40 west to Barbee Chapel Rd.) widen to 6-lane divided, sidewalks	Not in draft STIP	#17 Mobility/Regional/Hwy
22	Old Oxford Highway (Roxboro Rd. to Hamlin Rd.) expand capacity, bike lanes, and sidewalks	Not in draft STIP	#212 Mobility/SubReg/Hwy
23	NC 751 (S. Roxboro Rd. to NC 54) widen to 4-lane, bike lanes, and sidewalks	Not in draft STIP	#107 Mobility/Regional/Hwy
24	Homestead (NC 86 to Old NC 86) bicycle lanes, sidewalks, transit accommodations, and safety improvements (design may vary along length)	Not in draft STIP	#237 Mobility/SubReg/Hwy
25	Seawell School (Homestead to Estes) bicycle lanes, sidewalks, transit accommodations, and intersection safety improvements (design may vary along length)	Not in draft STIP	#248 Mobility/SubReg/Hwy

(*) Statewide Rank convention = #(rank number) (Goal)/(Tier)/(Submode)

Projects that were not on the MPO priority list or funded in the previous TIP, but are in the Draft STIP (non-maintenance projects)

Page	ID	Name	Draft STIP	Statewide Rank in SPOT
1	I-3306	I-40 (I-85 to Durham County Line) Add additional lanes	Construction funded in FY 2019-future years	#43 Mobility/Statewide/Hwy
2	I-0305	I-85 (I-40 to Durham County Line) Widen to six lanes and reconstruct interchanges and structures	Construction funded in FY 2020-future years	#100 Mobility/Statewide/Hwy
7	FS-1008B	NC 751 (US 64 to north of SR 1118 Fayetteville Road) Widen to multi-lanes with bicycle lanes*	Scheduled for feasibility study	#20 Mobility/Regional/Hwy

*Widening in Chatham County is not in the 2035 LRTP.

Projects that were not on the MPO priority list because they were in the previous TIP, but have a funding change in the Draft STIP (non-maintenance projects)

Page	ID	Name	Draft STIP
4	U-2803	SR 1919/Smith Level Road (Rock Haven Road to bridge) widen to multi-lanes	Right of way delayed from FY 2010 to FY 2011; Construction delayed from FY 2011 to FY 2013
4	U-0624	NC 86/S. Columbia Street (SR 1906 Purefoy Road to SR 1902 Manning Drive) corridor upgrade to include bicycle lanes	Construction delayed from FY 2009 to FY 2012
5	U-3308	NC 55/Alston Avenue (NC 147 to NC 98) widen to four lane divided facility and replace Norfolk-Southern railroad bridges	Right of way delayed from FY 2008 to FY 2011; Construction delayed from FY 2011 to FY 2014

DCHC MPO TIP Regional Priority List – Bicycle and Pedestrian

The DCHC MPO submitted 46 bicycle and pedestrian projects to NCDOT through the TIP prioritization process. At the request of NCDOT, we were asked to provide a shortened list of the top 5 bicycle and top 5 pedestrian projects in the MPO. The following 10 projects were submitted.

MP Rank	Name (limits)	Draft STIP	Statewide Rank in SPOT
1	University Drive sidewalks and bicycle facilities (Garrett Rd to NC 751/Hope Valley Road)	Not in draft STIP	#3 Bicycle and Pedestrian
2	NC 86/Martin Luther King Jr Blvd sidewalks and bicycle facilities (I-40 to North Street)	Not in draft STIP	#68 Bicycle and Pedestrian
3	SR 1669/Club Blvd sidewalks and bicycle facilities (Ruffin St to SR 1670/E Geer Street)	Not in draft STIP	#70 Bicycle and Pedestrian
4	NC 54 sidewalks and bicycle facilities (US 15-501/Fordham Blvd to SR 1110/Barbee Chapel Road)	Not in draft STIP	#75 Bicycle and Pedestrian
5	SR 1666/Dearborn Dr sidewalks and bicycle facilities (SR 1669/Club Blvd to Ruth Street)	Not in draft STIP	#76 Bicycle and Pedestrian
6	18 Chapel Hill intersections bicycle and pedestrian improvements	Not in draft STIP	Not ranked
7	SR 1158/W Cornwallis Road sidewalks and bicycle facilities (SR 1306/Erwin Road to SR 1127/Chapel Hill Road)	Not in draft STIP	#78 Bicycle and Pedestrian
8	US 15-501/Fordham Blvd pedestrian and bicycle overpass/underpass between SR 1902/Manning Drive and Old Mason Farm Road	Not in draft STIP	#79 Bicycle and Pedestrian
9	SR 1945/S. Alston Ave. sidewalks and bicycle facilities (Capps St to SR 1171/Riddle Road)	Not in draft STIP	#80 Bicycle and Pedestrian
10	Bolin Creek Greenway (NC 86 to Umstead Park)	Not in draft STIP	Not ranked

Projects in Draft STIP but not in DCHC MPO Priority List

This section shows the SPOT statewide ranking for highway projects that are in the draft STIP but not in the DCHC MPO Priority List.

Name	Statewide Rank in SPOT
I-0305B: I-85 (I-40 near Hillsborough to Durham County line)	#100 Mobility/Statewide/Hwy
I-3306A: I-40 (I-85 near Hillsborough to Durham County line)	#43 Mobility/Statewide/Hwy

Section 6 -- Reference Documents *(continued)***Comparison of FY09-15 and FY12-18 STIPs**

The following pages present a comparison between the FY 2009-2015 STIP (current STIP) and the proposed FY 2012-2018 STIP. The tables identify new projects, cost increases, project schedule delays and other fiscal and schedule information that is useful for evaluating the proposed STIP.

Comparison of FY2009-2015 STIP and FY2011-2020 STIP

Highway, Bridge, Bicycle and Pedestrian Projects

New Projects

Division	Project #	Route	Description	Total Cost (thousands)			Year Begin Construction			\$ Funded			\$ Unfunded	
				2009-2015	2011-2020	Difference	2009-2015	2011-2020	Delay	2009-2015	2011-2020	Difference	2009-2015	2011-2020
7	I-3306	I-40	I-85 in Orange Co. to US 15-501	47,000	47,000	-	post year	2019	new	-	23,500	23,500	47,000	23,500
7	I-0305	I-85	I-40 at Hillsborough to Durham County Line.	210,782	210,782	-	post year	2020	new	-	58,497	58,497	210,782	152,285
5	U-4716	SR 1978 (Hopson Rd.)/SR 1980 (Church St.)	Construct a grade separation, extend Church St. and close Church St. crossing	6,500	31,016	24,516	post year	2011	new	-	20,441	20,441	6,500	7,020
7	U-5304	US 15-501 (Bypass)	S. Columbia St. to Ephesus Ch. Rd.; bicycle, pedestrian and transit accommodations	-	5,150	5,150	post year	2019	new	-	5,150	5,150	-	-
7	B-4962	Eno River	Replace Bridge No. 46	6,200	6,600	400	2015	2018	new	3,350	6,600	3,250	2,850	-
7	B-5348	Phil's Creek	Replace Bridge No. 85	-	1,063	1,063	post year	2019	new	-	1,063	1,063	-	-
5, 8	FS-1008B	NC 751 (Feasibility Study)	US 64 in Chatham to north of Fayetteville Rd in Durham; widen to multi-lanes	n/a	n/a	n/a	n/a	n/a	new	n/a	n/a	n/a	n/a	n/a
5	FS-1005C	NC 54 (Feasibility Study)	I-40 to NC 55; widen to multi-lanes	n/a	n/a	n/a	n/a	n/a	new	n/a	n/a	n/a	n/a	n/a
5	C-5175	DATA	Operating assistance for new fixed route	-	2,438	2,438	n/a	2013	new	-	2,438	2,438	-	-
7	C-5177	MLK Jr. (shared pathway)	Homestead Rd. to Piney Mtn. Rd.	-	906	906	n/a	2013	new	-	906	906	-	-
5	C-5178	Campus Walk (Morreene Rd. to Lasalle St.) and Lasalle St. (Kangaroo Dr. to Erwin Rd.)	Construct sidewalks	-	336	336	n/a	2014	new	-	336	336	-	-
7	C-5179	Estes Dr.	Construct pathway, sidewalk & bike lanes	-	1,182	1,182	n/a	2015	new	-	1,182	1,182	-	-
5	C-5182	Hope Valley Rd.	MLK Pkway and US 15-501 Bus.; sidewalks and bike lanes	-	1,386	1,386	n/a	2016	new	-	1,386	1,386	-	-
5	C-5183	Cameron Blvd. (Erwin Rd. to Duke Univ. Rd.) and Alston Ave. (Carpenter Fletcher and Sedwick	Construct sidewalks	-	2,127	2,127	n/a	2016	new	-	2,127	2,127	-	-
7	C-5184	Riverwalk Trail	Construct paved trail along Eno River (Phase III)	-	621	621	n/a	2018	new	-	621	621	-	-
7	W-5318	NC 86	NC 57 to Caswell Co.; geometric and shoulder improvements	-	4,654	4,654	n/a	2015	new	-	4,654	4,654	-	-
7	C-5181	Jones Creek Greenway	Bridge and connector trail	-	300	300	n/a	2015	new	-	300	300	-	-
				45,079						125,851				

Notes:

1. The tables in this document do not include highway maintenance and repaving projects, and those projects funded by traditional transit funding sources.
2. The MPO designates which projects receive Congestion Mitigation and Air Quality (CMAQ) funding, which are identified in these tables with the "C" prefix in the project number. Therefore, an issue with the funding or schedule of a CMAQ projects needs to be addressed with the MPO, and not NCDOT.

Change in Cost and Schedule

Division	Project #	Route	Description	Total Cost (thousands)			Year Begin Construction			\$ Funded			\$ Unfunded	
				2009-2015	2011-2020	Difference	2009-2015	2011-2020	Delay	2009-2015	2011-2020	Difference	2009-2015	2011-2020
5, 7	EB-4707	SR 2220 (Old Chapel Hill Rd.)-SR 1838 (Old Durham Rd.)/US 15-501	Durham Co. to Orange Co. bicycle improvements	3,828	5,450	1,622	2009	2011	2	3,828	4,000	172	-	-
5	U-4763B	Triangle Parkway	I-540 to I-40	190,610	190,568	(42)	2009	2011	2	190,610	190,568	(42)	-	-
7	U-3306	SR 1733/Weaver Dairy Rd.	NC 86 to Erwin Rd.	15,995	17,125	1,130	2010	2011	1	15,995	17,125	1,130	-	-
7	U-2803	SR 1919/Smith Level	Rock Haven Road to Bridge NO. 88	5,400	7,450	2,050	2011	2013	2	5,400	7,450	2,050	-	-
7	U-0624	NC 86/S. Columbia St.	SR 1906 (Purefoy Rd.) to SR 1902 (Manning Drive)	6,660	7,310	650	2009	2012	3	6,660	7,310	650	-	-
5	U-0071	East End Connector	NC 147 to north of NC 98	155,401	172,733	17,332	2013	2014	1	122,151	172,733	50,582	33,250	-
5	U-3308	NC 55/Alston Ave.	NC 147 to US 70 Bus-NC 98	23,321	28,428	5,107	2011	2014	3	23,321	28,428	5,107	-	-
7	U-3808	Elizabeth Brady Road Extension	South of US 70 Bus to north of US 70 Bypass at St. Mary's Rd.	33,994	-	(33,994)	2012	Deleted	n/a	33,994	-	(33,994)	-	-
5	B-3638	US 70 Bus/Main St.	Campus Drive Replace Bridge	975	1,300	325	2010	2012	2	975	1,300	325	-	-
5	B-4943	SR 1616	Sandy Creek Replace Bridge	415	477	62	2013	2020	7	415	477	62	-	-
5	C-4928	Morreene Rd., Neal Rd./Erwin Rd.	Construct bike lanes and sidewalks	556	1,441	885	2009	2011	2	556	1,441	885	-	-
5	W-5110	NC 55 and Lawson St.	Construct left turn lanes on NC 55	975	975	-	2011	2012	1	975	975	-	0	0
7	EL-4994	Orange County Cornwallis Rd., S. Roxboro	Bolin Creek Greenway	738	1476	738	2008	2011	3	738	1,476	738	0	0
5	U-4724	Rd./University Dr.	Bike and pedestrian feature	2,270	1,970	(300)	2010	2011	1	2,270	1,970	(300)	-	-
				Project Cost Increase						Project Funding Increase				
				Net Cost Change						Net Funding Change				
				29,601						61,701				
				(4,435)						27,365				

Funded Projects Currently Under Construction or In Progress

Division	Project #	Route	Description	Total Cost (thousands)			Construction 2011-2020
				2009-2015	2011-2020	Difference	
5	U-3309	SR 2028/T.W. Alexander Dr.	Cornwallis Rd to Miami Blvd.	13,961	14,933	972	under const.
5	U-3804	SR 1321/Hillandale Rd.	I-85 to Carver Street	11,191	11,941	750	under const.
5	U-4009	SR 1126/Service Rd.	Parallel to US 15-501 at Garrett Rd.	5,683	5,683	-	under const.
5	U-4011	SR 1959/S. Miami Blvd.	South of SR 2112 (Methodist St.) to north of SR 1960 (Bethesda Avenue)	6,477	8,265	1,788	under const.
5	U-4012	US 15-501	N. of Mt. Moriah Rd. to S. of Garrett Rd.	15,609	15,609	-	under const.
5	U-4026	SR 1613/Davis Dr.	Morrisville-Carpenter Rd. to NC 54	38,706	39,063	357	under const.
7	U-4704	Chapel Hill	Chapel Hill-Carrboro Computerized Traffic Signal System	5,000	5,450	450	under const.
5,7,8	U-4726	Urban Area Bike/Ped Allocation	DCHC MPO planning area	7,419	11,941	4,522	in progress
7	B-4216	SR 1002 - Strouds Creek	Replace bridge No. 66	1,125	1,054	(71)	under const.
5	B-3450	SR 1116 (Garrett Rd.)	New Hope Creek, Replace Bridge; Sandy Creek, Replace Bridge	4,986	4,986	-	under const.
8	EB-2921F	American Tobacco Rail Trail	Durham Co. to Wake Co.	2,392	2,392	-	in progress
7	C-4932A	Orange County	125 Space Park and Ride Lot.	275	275	-	under const.
5	C-4702	Durham County	10 Replacement buses	3,000	3,000	-	in progress
7	EL-4828	Morgan Creek Greenway West	Smith Level Rd. to University Lake	600	535	(65)	in progress
7	EL-4601	Morgan Creek Greenway East	US 15-501 Culbeth Rd. to Smith Level Rd	872	1,290	418	in progress
5	EB-3606	Orange County	Bicycle route mapping and signing	50	50	-	in progress
5, 7	C-4924	TJCOG	Develop flexible work schedule for employees and organizations in Triangle ozone non-attainment area for 3 yrs.	300	5,626	5,326	in progress
5	C-4929	Bicycle Parking Program	Install bike racks at various locations	48	48	-	in progress
				Net funding change		14,447	

Note: Funding increase for some ongoing programs might be based on increase in plan years
(FY09-15 TIP = 7 years; FY11-20 TIP = 10 years)

UnFunded Projects (No change in unfunded status)

Division	Project #	Route	Description	Total Cost 2009-2015	Total Cost 2011-2020	Difference	Year begin
5	I-4743	I-85	US 70 to SR 1632 (Red Mill Rd.)	n/a	n/a	n/a	post year
7	R-3438	Hillsborough Western Bypass	US 70 to NC 57	7,450	7,450	-	post year
7	R-2825	SR 1009/S. Churton St.	I-40 to Eno River	19,300	22,750	3,450	post year
7	U-2805	SR 1777 (Homestead Rd.)/SR 1834 (High School Rd.)	Widen to multi-lanes	10,600	10,600	-	post year
7	U-2909	SR 1780 (Estes Dr.)/SR 1772 (Greensboro St.)	Widen to multi-lanes	7,600	6,855	(745)	post year
5	U-2405	MLK Jr. Parkway/NC 55	Construct interchange	25,800	29,850	4,050	post year
5,7	U-2807	US 15-501 SR 1010 (Franklin St.)/US 15-501 bypass in Durham	Major corridor upgrade	123,000	156,000	33,000	post year
5	U-4720	US 70	Lynn Rd. to the proposed Northern Durham Parkway	n/a	n/a	n/a	post year
5	U-4721	Proposed Northern Durham Parkway	I-540 to Roxboro Rd.	n/a	n/a	n/a	post year
5	U-4722	US 501 (Roxboro Rd.)	US 501 bypass (Duke St.) to SR 1640 (Goodwin Rd.)	n/a	n/a	n/a	post year
5	U-2831B	Riddle Rd./SR 1951 (So-Hi Dr.)	Briggs Ave extension	10,685	10,685	-	post year
7	U-3436	SR 1148 (Eno Mountain Rd.) and SR 1192 (Mayo St.) at SR 1006 (Orange	Realign intersection and make safety improvements	2,350	2,350	-	post year
7	EL-4995	Orange County	Dry Creek Greenway	700	700	-	post year
7, 8	EB-5110	Bolin Creek Greenway (Chapel Hill)	NC 86 to Umstead Park	-	-	-	Feasibility Study
7	EB-4710	Seawell School Rd.	Homestead to Estes. Bicycle improvements	2,000	-	(2,000)	Deleted

Section 6 -- Reference Documents (*continued*)

Other Reference Documents – on the Web

The reference documents listed below are available on the DCHC MPO's Web site – www.dchcmpo.org (see the Draft MTIP Web page).

- Division 5 and Division 8 One-on-One meeting – This six-page agenda includes discussion points for a meeting among the DCHC MPO staff and board, NCDOT staff and NCDOT board members concerning draft STIP projects in NCDOT Divisions 5 and 8.
- Division 7 One-on-One meeting – This six-page agenda includes discussion points for a meeting among the DCHC MPO staff and board, NCDOT staff and NCDOT board members concerning draft STIP projects in NCDOT Divisions 7.
- Historic and Projected Traffic Counts and Volume-to-Capacity Ratio – Provides historic and projected traffic counts and volume-to-capacity (V/C) ratios for transportation projects discussed in the One-on-One meetings.
- Changes Between The 09-15 STIP and the Draft 12-18 STIP – NCDOT document that identifies and provides comments on changes between the current and draft STIP.
- Compare Reports – Uses standard funding ledger format to compare the 09-15 STIP and draft 12-18 STIP project by project. There is a report for each of the three divisions in the DCHC MPO.

Section 6 -- Reference Documents (*continued*)**Public Involvement Policy**

The DCHC MPO adopted a Public Involvement Policy on October 11, 2006, that guides the process under which the major MPO plans and programs are developed and adopted. The sub-policy of the MPO Public Involvement Policy that specifically guides the Metropolitan Transportation Improvement Process is on the following pages.

3. Metropolitan Transportation Improvement Program

Overview

The Metropolitan Transportation Improvement Program (MTIP) is the document that describes the funding and scheduling of transportation improvement projects (highway, bicycle, pedestrian, and transit capital and operating assistance) using State and federal funds. The MTIP serves as the project selection document for transportation projects and, therefore, is the implementation mechanism by which the objectives of the Transportation Plan are reached. The Safe, Accountable, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and preceding legislation, TEA-21 and ISTEA mandate an opportunity for public review of the MTIP. The following is the proposed public involvement procedure for the Durham-Chapel Hill-Carrboro Metropolitan Transportation Improvement Program.

Introduction

The Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization (MPO) will prepare a Metropolitan Transportation Improvement Program, which is consistent with the requirements of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users (SAFETEAU-LU), and any implementing federal regulations. The MTIP will be developed based on: 1) revenue estimates provided by the North Carolina Department of Transportation (NCDOT); and, 2) the DCHC MPO Regional Priority List. The public input element of the Metropolitan Transportation Improvement Program is presented as follows:

Public Involvement Process

1. The DCHC Technical Coordinating Committee (TCC) will develop a draft Regional Priority List from the Local Project Priorities of the MPO jurisdictions.
2. The Regional Priority List will be published for a minimum three-week (21-day) public comment period and the notice will be published by the Lead Planning Agency (LPA) in a major daily newspaper, and other local, minority, or alternative language newspapers, as appropriate.

The notices for the public comment period and the public hearing will include an announcement that states that persons with disabilities will be accommodated. Special provisions will be made if notified 48 hours in advance (i.e. having available large print documents, audio material, someone proficient in sign language, a translator or other provisions as requested). The Regional Priority List will be on file in the City of Durham Department of Transportation, Town of Chapel Hill Planning Department, Town of Carrboro Planning Department, Town of Hillsborough Planning Department, Counties of Durham, Orange, Chatham Planning Departments, the Triangle Transit Authority and the county public libraries for public review and comment.

Public Involvement Policy

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3. The Transportation Advisory Committee (TAC) will hold a public hearing on the draft Regional Priority List. The public hearing will be held at a location which is accessible to persons with disabilities and which is located on a transit route. The TAC will approve a final Regional Priority List after considering the public comments received.
4. The DCHC MPO Technical Coordinating Committee will develop a draft MTIP from the approved Regional Priority List and from revenue estimates provided by the North Carolina Department of Transportation. The TCC will forward the draft MTIP to the Transportation Advisory Committee. The Transportation Advisory Committee will publish the draft MTIP for public review and comment.
5. Copies of a draft MTIP will be distributed to TAC members and the transportation related committees of MPO member jurisdictions. Each jurisdiction will also have copies available for public review. The draft MTIP will follow the same notification procedures as outlined above for the Regional Priority List.
6. The public comments will be assembled and presented to the Durham-Chapel Hill Carrboro TAC. The TAC will hold a public hearing on the draft MTIP. The public hearing will be held at a location which is accessible to persons with disabilities and which is located on a transit route. Public comments will be addressed and considered in the adoption of the MTIP.
7. The DCHC MPO, being a maintenance area for air quality will provide additional opportunity for public comment on the revision of the draft MTIP (if the final MTIP is significantly different and/or raises new material issues).
8. The process for updating and approving the Metropolitan Transportation Improvement Program will follow the sequence and procedure as described in the aforementioned PIP framework.
9. Amendments to MTIP will be available for public review and comment, if they make a substantial change to the MTIP. A substantial change is classified as the addition or deletion of a project with an implementation cost exceeding \$1 million. Public comment on project additions or deletions of less than \$1 million may be sought at the discretion of the TAC by majority vote. As long as a project's description, scope or expected environmental impact have not materially changed, the TAC may approve changes to project funding without a separate public meeting.
10. Written public comments and their responses will be published as an appendix to the final MTIP.

Section 6 – Reference Documents (<i>continued</i>)

Draft MTIP Press Release

As part of the public involvement policy, the MPO will advertise the availability of the draft MTIP, the public comment period, public hearing, and mediums for submitting comments. The draft MTIP press release will be displayed in this section.

**DCHC Metropolitan Planning Organization
ANNOUNCING
A Public Comment Period and Public Hearing
For the Draft FY 2012-2018 Metropolitan
Transportation Improvement Program (MTIP)**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) has released the Draft FY 2012-2018 Metropolitan Transportation Improvement Program (MTIP) for public review and comment. The MTIP is the seven-year funding and scheduling document for transportation improvement projects (highway, bicycle, pedestrian, and transit) using state and federal funds.

Copies of the draft MTIP are available for review at the City of Durham Transportation Division, and the Planning Departments and public libraries of the member jurisdictions (i.e., Durham, Orange, and Chatham Counties, City of Durham, Towns of Chapel Hill, Carrboro, and Hillsborough). Copies are also available at the MPO Web site – www.dchc-mpo.org.

The Transportation Advisory Committee, which is the MPO governing body, will hold a **Public Hearing** to receive public comment on Wednesday, February 9, 2011 at 7:00 PM in the Committee Room, 2nd floor, 101 City Hall Plaza, Durham, NC 27701. The public comment period will run through February 10, 2011.

Comments can also be mailed to the City of Durham, Transportation Division, 101 City Hall Plaza, Durham, NC 27701, Attn: Ellen Beckmann, or e-mailed to ellen.beckmann@durhamnc.gov.

**** Persons with disabilities will be accommodated.
Provisions can be made if notified 48 hours in advance of
the meeting. ****

**RESOLUTION APPROVING
AMENDMENT #2 TO
THE 2035 LONG RANGE TRANSPORTATION PLAN
FOR THE
DURHAM-CHAPEL HILL-CARRBORO (DCHC)
METROPOLITAN PLANNING ORGANIZATION (MPO)**

A motion was made _____ and seconded by _____
for the adoption of the following resolution, and upon being put to a vote, was duly
adopted.

WHEREAS, the Transportation Advisory Committee is the duly recognized
transportation decision making body for the 3-C transportation planning process (i.e.,
continuous, cooperative, and comprehensive) of the Durham–Chapel Hill–Carrboro
Metropolitan Planning Organization (DCHC MPO); and,

WHEREAS, the Transportation Advisory Committee approved the DCHC MPO 2035
Long Range Transportation Plan (LRTP) on May 13, 2009; and,

WHEREAS, the DCHC MPO has amended the 2035 Long Range Transportation Plan
(LRTP) to ensure that the Plan conforms to the intent and purpose of the North Carolina
State Implementation Plan (or interim emissions tests in areas where no SIP is approved
or found adequate) in accordance with the Clean Air Act Amendment (CAAA); and,

WHEREAS, the Amended 2035 Long Range Transportation Plan (LRTP) meets the
planning requirements of 23 CFR Part 134 and the public involvement policies of the
DCHC MPO as adopted on October 11, 2006; and,

WHEREAS, that conformity determination was made according to the established
interagency consultation (IC) procedures for North Carolina; and,

WHEREAS, the Transportation Conformity Determination Analysis and Report
demonstrate that the Amended 2035 Long Range Transportation Plan (LRTP) conform to
the intent and purpose of the North Carolina State Implementation Plan (or interim
emissions tests in areas where no SIP is approved or found adequate) in accordance with
the Clean Air Act Amendment (CAAA); and,

(Continued)

(Continued – Resolution Adopting Amendment #1 to the DCHC MPO's 2035 LRTP)

NOW THEREFORE, BE IT RESOLVED: that the Amended 2035 Long Range Transportation Plan (LRTP) for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) be approved and adopted.

TAC Chair

STATE of: North Carolina

COUNTY of: _____

I, _____, a Notary Public of Durham County, North Carolina do hereby certify that personally J. Michael Woodard appeared before me on the 13th day of January, 2010, to affix his signature to the foregoing document.

Notary Public

My commission expires _____

(Seal)

Addendum

Amendment 2 (April 13, 2011)

Amendment 2 corrects the mileage (called Distance in the project table) to match the values in the North Carolina State Transportation Improvement Program (STIP). The following table shows the corrections using the format from Appendix 1 of the 2035 LRTP.

Project ID	Road Name	Project Limits		Existing # of Lanes	Proposed # of Lanes	Distance (miles)	Regionally Significant	Exempt from AQ	Project Capital Cost (2008 \$)	AQ Analysis Year
		From	To							
DCHC MPO Roadway Projects – Distance (miles) to be corrected.										
83	Northern Durham Pkwy	US 70 E	I 85 N	0	4	6.40 8.1	Yes	No	\$66,999,951	2025
84	Northern Durham Pkwy	I 85 North	Old Oxford Hwy	0	4	2.40 3.8	Yes	No	\$27,284,982	2025
85	Northern Durham Pkwy	Old Oxford Hwy	Roxboro Rd	0	2	2.64 4.4	No	No	\$19,358,989	2025
49	I-85	US 70	Red Mill Rd	4	6	5.68 6.4	Yes	No	\$76,107,334	2025
44	I-40	NC 86	I-85	4	6	7.32 7.5	Yes	No	\$77,277,997	2035

The Transportation Advisory Committee (TAC -- the DCHC MPO's policy board) approved Amendment 2 on April 13, 2011. Related resolutions and the Air Quality Conformity Analysis and Determination Report are available on the MPO's Web site, www.dchcmopo.org, or by contacting the MPO at (919) 560-4366.

MEMORANDUM OF AGREEMENT

THIS MEMORANDUM OF AGREEMENT, made as of the last day written below, by and between the DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (hereinafter, "MPO"), the NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (hereinafter, "NCDOT"), the NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (hereinafter, "NCDENR"), the UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (hereinafter, "USEPA"), the FEDERAL HIGHWAY ADMINISTRATION (hereinafter, "FHWA"), the FEDERAL TRANSIT ADMINISTRATION (hereinafter, "FTA") and collectively referred to hereinafter as the Parties.

RECITALS

WHEREAS, the Parties enter into this Memorandum of Agreement (hereinafter, "Agreement") for the purpose of implementing interagency consultation procedures for developing a State Implementation Plan (hereinafter, "SIP") and/or revisions, regional emissions budget comparisons and conformity determinations of Long Range Transportation Plans (hereinafter, "LRTP"), Metropolitan Transportation Improvement Programs (hereinafter, "TIPs"), and Regionally Significant Projects (hereinafter, "RSP");

WHEREAS, the Parties enter into this Agreement in accordance with Section 176(c)(4)(E) of the Clean Air Act (hereinafter, "CAA"), as amended (42 U.S.C. 7401 et seq.) with respect to the conformity of LRTPs, TIPs and FHWA/FTA projects, which are developed, funded or approved by the United States Department of Transportation (hereinafter, "USDOT") and by the MPO or other recipients of funds under Title 23 U.S.C., or the Federal Transit Act (49 U.S.C. Chapter 53.), and Title 15A North Carolina Administrative Code (hereinafter, "N.C.A.C."), Subchapter 2D, Section .2000 relating to nonattainment and maintenance areas;

WHEREAS, the MPO desires to comply with the aforementioned federal laws and regulations and parallel state and local laws and regulations by preparing, modifying and evaluating LRTPs and TIPs (which may include RSPs) in accordance with the SIP and in order to preserve the integrity of the SIP;

WHEREAS, NCDOT desires to comply with the aforementioned federal laws and regulations and parallel state and local laws and regulations by assisting the MPO in its conformity determination in accordance with the State Transportation Plan and State Transportation Improvement Program (hereinafter, "STIP") and in order to preserve the integrity of the SIP;

WHEREAS, NCDENR desires to assist the MPO in its compliance with the aforementioned federal requirements and must enforce applicable state environmental laws and regulations;

WHEREAS, USEPA desires to effectively enforce the relevant federal laws and regulations regarding air quality and compliance with SIP requirements;

WHEREAS, FHWA desires to effectively enforce and administer the relevant aforementioned federal laws and regulations regarding metropolitan and statewide transportation planning and transportation conformity;

WHEREAS, FTA desires to effectively enforce and administer the relevant aforementioned federal laws and regulations regarding metropolitan and statewide transportation planning and transportation conformity; and

WHEREAS, the Parties wish to work together to perform the duties imposed upon them by law and to coordinate among themselves for efficient and thorough planning for air quality in the geographic area included within the MPO.

THEREFORE, in consideration of these conditions and for good and valuable consideration and the benefits flowing to the Parties from each other, the receipt of which is hereby acknowledged, and in further consideration of the mutual covenants, terms, conditions and restrictions hereinafter set forth, the Parties hereby agree as follows:

PURPOSE

The purpose of this MOA is to satisfy the requirement in Clean Air Act section 176(c)(4)(E) to create a state conformity SIP containing the following three requirements of the Federal Transportation Conformity Rule, 40 CFR part 93 subpart A: (1) 40 CFR 93.105, which addresses consultation procedures; (2) 40 CFR 93.122(a)(4)(ii), which states that conformity SIPs must require written commitments to control measures to be obtained prior to a conformity determination if the control measures are not included in an Metropolitan Planning Organization's transportation plan and transportation improvement program, and that such commitments be fulfilled; and (3) 40 CFR 93.125(c), which states that conformity SIPs must require written commitments to mitigation measures to be obtained prior to a project-level conformity determination, and that project sponsors comply with such commitments.

1.0 DEFINITIONS

- 1.1** "Conformity" -- refers to the status of transportation plans, programs and projects within a region designated as nonattainment or maintenance for transportation related pollutants, as to whether they comply with air emission levels and standards required by existing state and/or federal implementation plans for that region.
- 1.2** "Consultation" -- means when one Party confers with another identified Party, prior to any final decision, provides all information necessary to that Party needed for meaningful input, and considers and responds to the views of that Party in a timely written manner.
- 1.3** "Interagency Consultation Conformity Determination Meeting" -- refers to a meeting called by the MPO or its designee and open to all Parties, designed to establish agreed upon procedures, protocols, and schedules for conducting a conformity analysis and determination.
- 1.4** "Long Range Transportation Plan" (LRTP) -- means the official intermodal metropolitan transportation plan that is developed through the metropolitan planning process for the metropolitan planning area, developed pursuant to 23 C.F.R. part 450.

- 1.5** "State Implementation Plan" (SIP) -- means documents, including, but not limited to, State adopted regulations, attainment demonstrations, and maintenance plans, submitted by North Carolina to, and approved by, the USEPA, or the most recent revision thereof, in accordance with Sections 110, 301(d) and 175(A) of the CAA (42 U.S.C. 7410, 7601, and 7505(a)) and regulations promulgated by USEPA pursuant to the provisions of those sections.
- 1.6** "Statewide Interagency Consultation Meetings" (SICM) -- refers to regularly scheduled informational meetings, sponsored by NCDENR to which all Parties are invited, including all MPOs and Regional Planning Organizations throughout the State, which are required to have air quality conformity determinations under Title 15A N.C.A.C. Subchapter 2D, Section .2000.
- 1.7** "Statewide Transportation Improvement Program" (STIP) -- means a staged, multi-year, statewide, intermodal program of transportation projects, which is consistent with the statewide transportation plan and planning processes and LRTPs, TIPs and processes.
- 1.8** "Timely" – means within the timeframe agreed to in the schedule set at the Interagency Consultation Conformity Determination Meeting(s).
- 1.9** "Transportation Providers" – means public agencies that provide transportation services to the public, these agencies are publicly owned and operated.
- 1.10** "Parties" – means representatives from all signatory agencies to this Agreement.
- 1.11** "Transportation Control Measures" (TCMs) -- are strategies that are specifically identified and committed to in State Implementation Plans (SIPs); and are either listed in Section 108 of the Clean Air Act (CAA), or will reduce transportation-related emissions by reducing vehicle use or improving traffic flow
- 1.12** All other terms used herein but not defined in this Agreement shall have the meaning given to them by the CAA, Title 23 and 49 U.S.C. 40 CFR 93.101, other USEPA regulations, other USDOT regulations, or 15A NCAC 2D.

2.0 DUTIES OF THE PARTIES

The roles and responsibilities of each Party are defined below.

- 2.0.1** Each Party member shall determine which staff members will represent the Party in the conformity process and shall take responsibility to see that the appropriate representatives are available to ensure a cooperative process and adequate communication among the Parties. Each Party shall choose its representative(s) and at least one alternate staff person for interagency consultation and provide their names and contact information to NCDENR. It is the responsibility of each Party to notify NCDENR of changes in their appointed designee(s) or contact(s).

- 2.0.2 All Parties shall review and provide comments to the MPO on draft LRTPs, TIPs, and conformity analyses. All Parties shall review and provide comments to NCDENR on draft SIP submissions. All Parties shall review and provide comments to NCDOT and/or local project sponsors on project-level conformity determination prepared during the National Environmental Policy Act (NEPA) process for FHWA/FTA projects located in the MPO jurisdiction. Parties shall provide their written review comments, if any, to these agencies within twenty-one (21) days of receipt of draft documents unless an alternate deadline has been agreed upon at an interagency consultation meeting. The MPO, NCDENR, or NCDOT, as appropriate, shall respond in writing to all Parties to explain how comments were addressed or why they were not addressed in the subsequent version of the document that is distributed to all Parties.

2.1 MPO DUTIES

- 2.1.1 The MPO, or its designee, shall sponsor the Interagency Consultation Conformity Determination Meetings and prepare meeting agendas and meeting materials required for fulfillment of consultation procedures outlined in this Agreement. Any adjacent MPO will be invited to this meeting for purposes of coordination and consultation.
- 2.1.2 The MPO, or its designee, shall prepare meeting summaries and conclusions of said Interagency Consultation Conformity Determination Meetings and other appropriate meetings it sponsors. The MPO, or its designee, shall provide meeting summaries and conclusions to all Parties within a time manner not to exceed 14 days after the meeting. The other Parties may provide comments on meeting summaries/conclusions to the MPO within a time manner not to exceed 14 days, copying other Parties. The MPO, or its designee, shall respond to comments from Parties in writing in a time manner not to exceed 14 days of receiving comments. The MPO's response to comments shall be distributed to all Parties.
- 2.1.3 The MPO shall consult with the Parties on the development process for LRTPs, TIPs and amendments thereto. This process will begin no later than one year prior to when the conformity determination is needed.
- 2.1.4 Notification of the LRTP and TIP revisions and amendments that add or delete non-exempt projects.
- 2.1.5 Before the MPO conducts conformity analyses and determinations, as initiated under the terms and conditions of this Agreement, the MPO, or its designee, shall initiate and facilitate an Interagency Consultation Conformity Determination Meeting with all Parties on proposed procedures and protocol for conducting and performing conformity analysis prior to making a conformity determination. This meeting will take place not later than one year prior to when the conformity determination is needed.

- 2.1.6 The MPO, or its designee, shall provide information requested by other Parties to track the implementation of transportation control measures funded by the MPO, or local municipalities, and included in the SIP by the dates agreed to in the Interagency Consultation Conformity Determination Meeting.
- 2.1.7 The MPO shall be responsible for development and maintenance of the travel demand model for the MPO area in consultation with the Parties. The MPO may delegate such responsibility to a third party through an agreement with NCDOT and/or neighboring MPOs and associated transportation agencies to develop a regional travel demand model. Any Party delegating responsibility to a third party shall notify the third party, in writing, that all documentation is subject to the applicable public records law. Responsibility for development and maintenance of a regional travel demand model should be established through a separate memorandum of agreement between the affected MPOs, NCDOT, and associated transportation agencies.
- 2.1.8 Upon written request by the Parties, the MPO, or its designee, shall provide all Parties with available travel data needed to determine various transportation emissions budgets, if they are responsible for this data.
- 2.1.9 The MPO, or its designee, shall assist NCDENR and NCDOT if needed for modifications or revisions to the SIP, which includes the assessment of effectiveness of existing Transportation Control Measures (TCMs) and implementation of potential TCMs for inclusion in the SIP, and providing critical input to the SIP development process, such as vehicle miles traveled (VMT) and speed assumptions for various road classifications.
- 2.1.10 The MPO, or its designee, shall submit concurrently, upon completion, a draft and/or final LRTP and/or TIP document and related conformity determination to the NCDOT, NCDENR, and three copies to FHWA (FHWA will coordinate the federal review effort and will forward the documents to FTA and USEPA unless an alternate coordination process is specified through interagency consultation). The MPO shall respond in writing to comments made by the other Parties on draft documents.
- 2.1.11 The MPO shall maintain procedures for public involvement in the conformity determination process consistent with its adopted Public Involvement Procedures including receiving and responding to public input on conformity findings, consistent with 23 CFR 450.316(a) and 40 CFR 93.105(e).
- 2.1.12 The MPO, or its designee, shall submit a written request for emission factors required for conformity determination from NCDENR or its designee.
- 2.1.13 Enforceability of Design Concept and Scope and Project-Level Mitigation and Control Measures

- 2.1.13.1 Prior to making a conformity determination on the LRTP and/or TIP, the MPO will ensure any project level mitigation or control measures are included in the project design concept and scope and are appropriately identified in the regional emissions analysis used in the conformity analysis.
- 2.1.13.2 The MPO shall fulfill commitments made for mitigation measures that were required for facilitating positive conformity determinations.
- 2.1.13.3 Written commitments to mitigation measures must be obtained prior to a positive conformity determination, and project sponsors and/or operators must comply with the agreed upon commitment obligations (in accordance with 40 CFR 93.122(a)(4)(ii)).

2.2 NCDENR DUTIES

- 2.2.1 NCDENR shall maintain a list of current interagency consultation members and distribute it to all members whenever a change in membership occurs.
- 2.2.2 NCDENR shall participate in the Interagency Consultation Conformity Determination Meetings, sponsor the SICM meeting, and other appropriate committees/meetings established to advise the Parties on SIP and emissions control strategies and programs particularly as these relate to transportation issues.
- 2.2.3 NCDENR shall participate in consultations with the Parties regarding the development process for LRTPs, TIPs and amendments thereto.
- 2.2.4 NCDENR shall participate in the development and review of transportation system and emissions modeling activities and projection procedures to ensure consistency of air quality and transportation system evaluation.
- 2.2.5 NCDENR shall ensure the SIP is developed using appropriate emissions and control measures. NCDENR is to develop the applicable motor vehicle emission budgets in consultation with the Parties to ensure that accurate and up-to-date data assumptions are being used at the initial phases of the development of the SIP by the deadline established by NCDENR during the consultation process. NCDENR shall update the SIP consistent with Federal CAA requirements.
- 2.2.6 NCDENR shall provide applicable transportation-related emission budgets and revisions to the NCDOT, MPO, and USDOT (FHWA and FTA).

- 2.2.7 NCDENR shall keep the Parties apprised of its SIP revision submittals and USEPA's approval thereof and provide for and respond in writing to comments made by the MPO and NCDOT and the other Parties in transportation-related SIP development processes.
- 2.2.8 NCDENR shall obtain MPO and NCDOT approval for the inclusion of transportation related TCMs (for any TCM funded by the federal and state transportation budgets or local funds and where the implementing agency is the MPO) in the SIP.
- 2.2.9 NCDENR shall provide a list of TCMs included in the SIP as well as their SIP implementation schedules at the Interagency Consultation Conformity Determination Meeting.
- 2.2.10 Upon initiating a modification or revision to the SIP, NCDENR shall consult with NCDOT and the MPO, which will include the assessment of effectiveness of existing TCMs and implementation of potential TCMs for inclusion in the SIP. Additionally, NCDENR will consult with NCDOT and the MPO about what critical transportation related inputs for the SIP development process should be used, such as VMT and speed assumptions for various road classifications. A draft version of the SIP will be shared with the Parties, at a minimum, 30 days prior to the end of the public comment period.
- 2.2.11 NCDENR shall consult and review project narratives provided by NCDOT or appropriate project sponsor to determine if the project is an air quality concern for particulate matter based on 40 CFR 93.
- 2.2.12 NCDENR, at the written request of NCDOT or the MPO, shall provide appropriate emission factors to NCDOT or the MPO for completion of the conformity analysis. NCDENR shall provide a schedule for completion of work within two (2) business days of the written request. NCDENR shall consult with NCDOT and/or the MPO for the availability and appropriate use of local data in the latest EPA-approved emissions model.
- 2.2.13 NCDENR shall review and provide comments to the MPO on draft conformity analyses. NCDENR shall provide timely review comments to the MPO within twenty-one (21) days of receipt for inclusion in the final report in accordance with the terms and conditions of this Agreement.

2.3 NCDOT DUTIES

- 2.3.1 NCDOT shall participate in the SICM, Interagency Consultation Conformity Determination Meeting(s) and other appropriate committees/meetings established to discuss with the Parties on the development of a revised statewide transportation plan, including programs and projects.
- 2.3.2 NCDOT shall consult with the Parties to develop the STIP and amendments thereto. Furthermore, NCDOT shall keep the Parties apprised of the status and content of statewide transportation plans and the STIP.
- 2.3.3 NCDOT shall consult with the Parties to develop LRTPs, TIPs and amendments thereto by the dates agreed to in the Interagency Consultation Conformity Determination Meeting.
- 2.3.4 NCDOT shall participate in the development and review of transportation system emissions modeling activities and projection procedures to ensure consistency of air quality and transportation system evaluation.
- 2.3.5 NCDOT shall review and provide comments to the MPO on draft conformity analyses by the dates agreed upon in the Interagency Consultation Conformity Determination Meeting unless NCDOT has authored said conformity analysis report.
- 2.3.6 NCDOT shall also provide information requested by other Parties to track the implementation of TCMs included in the SIP by the dates agreed to in the Interagency Consultation Conformity Determination Meeting.
- 2.3.7 NCDOT shall assist NCDENR and the MPOs as needed for modifications or revisions to the SIP, which will include the assessment of effectiveness of existing TCMs and implementation of potential TCMs for inclusion in the SIP.
- 2.3.8 NCDOT shall conduct project level conformity analysis for NCDOT sponsored projects as part of the NEPA process for FHWA/FTA projects located in the MPO boundary.
- 2.3.9 Enforceability of Design Concept and Scope and Project-Level Mitigation and Control Measures
 - 2.3.9.1 The NCDOT shall obtain written commitments from the project sponsor and/or operator to fulfill and complete all of the projects and operations identified by the project-level National Environmental Policy Act (NEPA) mitigation or control measures with respect to local hot spot analysis

- 2.3.9.2 The NCDOT shall fulfill commitments made for mitigation measures that were required for facilitating positive conformity determinations.
- 2.3.9.3 Written commitments to mitigation measures must be obtained prior to a positive conformity determination, and project sponsors and/or operators must comply with the agreed upon commitment obligations.

2.4 FHWA and FTA (USDOT) DUTIES

- 2.4.1 FHWA and FTA shall consult with the Parties regarding the SICM, the Interagency Consultation Conformity Determination Meetings and other appropriate committees/meetings established to advise the Parties on the development of transportation plans, programs and projects, particularly as these relate to air quality-related issues.
- 2.4.2 FHWA and FTA shall advise the Parties of changes to USDOT technical, regulatory, and policy guidance as it relates to the planning process and conformity.
- 2.4.3 FHWA and FTA shall assist NCDENR, NCDOT and the MPOs as needed for modifications or revisions to the SIP, which will include the assessment of effectiveness of existing TCMs and implementation of potential TCMs for inclusion in the SIP.
- 2.4.4 FHWA and FTA shall assess the MPO's compliance with public participation policy and procedures that meet the requirements of 23 CFR 450.316(a) and 40 CFR 93.105(e).
- 2.4.5 FHWA and FTA shall provide written comments to the other Parties concerning both draft and final conformity findings in accordance with the terms of this Agreement. The final conformity finding made by FHWA shall be consistent with the requirements of the national conformity memorandum of understanding.
- 2.4.6 FHWA shall review and provide timely approval or rejection, in writing, of the final conformity determination report by the MPO of an amended and/or adopted transportation plan, program or project subject to conformity analysis and determination according to this Agreement by the dates agreed to in the Interagency Consultation Conformity Determination Meetings.
- 2.4.7 The FHWA will coordinate the federal review effort and will forward copies of the draft or final LRTP and/or TIP document and related conformity determination to the FTA and USEPA unless an alternate coordination process is specified through interagency consultation.

- 2.4.8 In accordance with 40 CFR 93.125(c), prior to making a project-level conformity determination for a transportation project, FHWA must obtain from the project sponsor and/or operator written commitments, as defined in 40 CFR 93.101, to implement any project-level mitigation or control measures in the construction or operation of the project identified as conditions for NEPA process completion. The written commitments to implement those project-level mitigation or control measures must be fulfilled by the appropriate entities.
- 2.4.9 FHWA shall be responsible for final approval or rejection of project level conformity determinations on FHWA projects.

2.5 USEPA DUTIES

- 2.5.1 USEPA shall participate in the SICM, the Interagency Consultation Conformity Determination Meetings and other appropriate committees/meetings established to advise the Parties on the development of transportation plans, programs and projects, particularly as these relate to air quality-related issues.
- 2.5.2 USEPA shall, in a timely fashion, advise the Parties of changes to USEPA policy, regulation, and guidance related to air quality and conformity.
- 2.5.3 USEPA shall review and comment, in writing to FHWA and the MPO, on draft and final conformity analyses in accordance with the terms of this Agreement and consistent with the requirements of the national conformity memorandum of understanding within twenty-one (21) days of receipt.
- 2.5.4 USEPA shall assist NCDENR, NCDOT and the MPOs as needed for modifications or revisions to the SIP, which will include the assessment of effectiveness of existing TCMs and implementation of potential TCMs for inclusion in the SIP.
- 2.5.5 USEPA shall review the adequacy of the Motor Vehicle Emissions Budgets, and determine the approvability determination of submitted SIPs, including the Conformity SIP (the subject of this MOA) and any subsequent revisions, and of control strategy SIPs and any revisions. USEPA's determination of approvability shall be published in the Federal Register.
- 2.5.6 USEPA shall be consulted with and will review compliance for hotspot requirements related to individual FHWA/FTA projects and provide comment in writing.

3.0 CONTENT AND SUBMISSION OF TRANSPORTATION PLANS, PROGRAMS AND PROJECTS

3.1 CONTENT AND DESIGN

The LRTP/TIP, programs and/or projects to be analyzed for conformity shall meet the requirements of the current federal transportation authorizing legislation, and the most current USDOT and USEPA regulations. At the time that a new or revised transportation plan is proposed, the MPO, in cooperation with NCDOT and local transportation planning agencies, shall prepare a list of new or modified transportation projects and services included in the transportation plan and identify the time frame each new project or service is expected to become operational.

3.2 PUBLIC PARTICIPATION

Conformity determinations for LRTP and Transportation Improvement Program (TIPs) shall follow the specific public involvement process established by the MPO, consistent with the requirements of 23 CFR Part 450, which provides opportunity for public review and comment prior to formal action on a conformity determination. The public review must provide reasonable public access to technical and policy information considered by the affected parties in making the conformity determination.

Conformity determinations in rural portions of nonattainment and maintenance areas outside and adjacent to the MPO boundaries shall follow the specific public involvement process established by NCDOT, consistent with the requirements of 23 CFR Part 450, which provides opportunity for public review and comment prior to formal action to update the STIP.

Any charges imposed for public review and copying should be consistent with applicable fee schedules including but not limited to 49 CFR 7.43 and N.C.G.S. §132-6.2.

4.0 STATEWIDE INTERAGENCY CONSULTATION MEETINGS

NCDENR shall sponsor a SICM meeting on a regular basis for the purpose of keeping all Parties and all MPOs abreast of new information concerning transportation planning generally and as it relates to conformity analysis and determination.

4.1 MEETING FREQUENCY

SICM shall be held monthly unless otherwise agreed upon by all Parties. Meeting dates shall be determined by NCDENR after consultation with the Parties. The meeting shall consist of updates and other pertinent information provided by each Party.

4.2 SPECIAL MEETINGS

If NCDENR determines, in consultation with other Parties, a need for an unscheduled Statewide Interagency Consulting Meeting and there is a consensus among the Parties to have an unscheduled meeting, NCDENR must provide prior notice to all Parties, at least fourteen (14) days in advance of the meeting. However, the Parties may waive the fourteen (14) day advance notice requirement if all Parties agree that an earlier scheduled meeting is in the best interest of the Parties.

4.3 MEETING LOCATION AND AGENDA

The SICM meeting location shall be determined based upon convenience and agreement by the Parties. NCDENR shall provide all Parties, including all Statewide MPOs, advanced notice of the meeting time, location and agenda. If necessary and convenient, the SICM meeting need not be a face-to-face meeting but may occur by telephone, video or some other practical electronic means.

4.4 DISCUSSION OF SIP RELATED ISSUES

NCDENR shall use the SICM meeting as an opportunity to update the Parties on SIPs under development and SIP revisions submitted to USEPA. NCDENR shall allow the Parties to review and comment on transportation-related SIP issues and respond to said comments. See Section 2.0.2 for the general process for commenting and responding to comments.

5.0 INITIATING CONFORMITY DETERMINATIONS OR ANALYSIS

The Parties shall make conformity determinations and consultations consistent with this Agreement and in accordance with the conditions described in 40 CFR Part 93 for LRTPs, TIPs and FHWA/FTA projects.

5.1 EXEMPTIONS TO CONFORMITY DETERMINATIONS

- 5.1.1 Notification of Exempt Status Required -- The MPO shall notify the Parties of adoption or approval of projects determined to be exempt by the MPO and provide a basis for such exempt status. Notification by the MPO shall also be made when the LRTP or TIP is revised to add or delete exempt projects as defined in 40 CFR 93.126, 93.127, and 93.128. Notification of deleted projects does not have to be made prior to an MPO action.
- 5.1.2 Objection to Exempt Determination -- If the Parties disagree with the MPO's finding that the amendment to the LRTP or TIP contains only exempt projects, the objecting Party shall notify all Parties in writing. See section 9.0 for conflict resolution procedures.

6.0 INTERAGENCY CONSULTATION CONFORMITY DETERMINATION MEETING

When the need for conformity analysis and determination is initiated in accordance with this Agreement and aforementioned regulations, the MPO, or its designee, shall call an Interagency Consultation Conformity Determination Meeting to which all Parties of this Agreement shall be invited by the MPO, or its designee.. The Interagency Consultation Conformity Determination Meeting shall be held prior to performing any conformity analysis or determination and shall address the specific processes outlined in 40 CFR 93.105(c). The purpose is to coordinate early with the Parties on information regarding the choice of some major parameters of the conformity analysis and to determine the schedule of preparation and review of the analysis. All of the information agreed upon by the Parties will be documented in the pre-analysis plan. If during the meeting a conflict arises, the Parties shall follow the conflict resolution procedures as outlined in Section 9.0 of this document.

6.1 NOTICE OF MEETING

The MPO, or its designee, shall provide at least fourteen (14) days prior written notice to the Parties that an Interagency Consultation Conformity Determination Meeting has been scheduled. Said prior notice shall also be given to local transportation providers represented by the MPO. However, the Parties may waive the fourteen (14) day advance notice requirement if all Parties agree that an earlier scheduled meeting is in the best interest of the Parties.

6.2 MEETING PLACE, TIME AND AGENDA

The meeting shall be scheduled at a time and location that allows representatives from the Parties to participate. The MPO, or its designee, shall distribute to the Parties draft agenda and meeting materials at least five (5) business days prior to the meeting. The Parties shall have the opportunity to add agenda items and will be responsible for presenting them. If it is agreed among the Parties that additional meetings are required the MPO, or its designee, may schedule such additional meetings.

Attendance at the Interagency Consultation Conformity Determination Meeting may be by telephone or teleconference so long as all the Parties agree. If some Parties are unable to attend the Interagency Consultation Conformity Determination Meeting(s), the MPO or its designee shall consider whether meaningful consensus can be reached with the available Parties. If the MPO or its designee determines the overall Party representation to be adequate, it shall document the meeting and provide all Parties with a summary of the important discussions and conclusions.

6.3 CONSULTATION ON CONFORMITY ANALYSIS APPROACH

The MPO, or its designee, shall outline, in the pre-analysis plan, the proposed methodologies to be used in the conformity analysis and share the pre-analysis plan with the Parties for comment at least 7 days prior to the meeting unless otherwise agreed upon by all Parties.

- 6.3.1 Interagency Consultation Procedures -- The issues listed in 40 CFR 93.105 (c) shall be reviewed and discussed at this meeting, including but not limited to, the following activities:
 - 6.3.1.1 Evaluating and choosing an appropriate model (or models) and associated methods and assumptions to be used in hot-spot analyses and regional emissions analyses;
 - 6.3.1.2 Determining which minor arterial and other transportation projects should be considered Regionally Significant Projects for the purpose of regional emissions analysis (in addition to those functionally classified as principal arterials or higher or fixed guideway systems or extensions that offer an alternative to regional highway travel);
 - 6.3.1.3 Evaluating whether projects otherwise exempted from meeting the requirements of 40 CFR 93.126 and 93.127 should be treated as non-exempt in cases where potential adverse emissions impacts may exist;
 - 6.3.1.4 Discussing whether or not adopted TCMs are on schedule and performing as anticipated, as required by 40 CFR 93.113. If TCMs are not on schedule, Parties shall discuss whether 40 CFR 93.113(c)(1) can be met and what will occur if 40 CFR 93.113(c)(1) cannot be met;

- 6.3.1.5 Choosing conformity tests and methodologies for areas outside the MPO boundary but within the nonattainment or maintenance area as required by 93.109(1)(2)(iii);
 - 6.3.1.6 Consulting on emissions analysis for transportation activities which cross MPO, nonattainment area or air basin boundaries;
 - 6.3.1.7 For the metropolitan planning area that does not include the entire nonattainment or maintenance area, the MPO and NCDOT will work to provide cooperative planning and analysis for the purposes of determining conformity of all projects outside the metropolitan area and within the nonattainment or maintenance area through interagency consultation meetings;
 - 6.3.1.8 Ensuring that plans for construction of RSPs, that are not FHWA/FTA projects, are disclosed to the MPO on a regular basis and any changes to those plans disclosed in writing to the MPO;
 - 6.3.1.9 NCDOT and the MPO, or its designee, will consult on the design, schedule and funding of research and data collection efforts and regional transportation model development through interagency consultation meetings;
 - 6.3.1.10 As defined in Section 2.1.10, the MPO, or its designee will provide final documents and supporting information to each applicable Party after adoption or approval;
 - 6.3.1.11 Latest planning assumptions for developing emission factors for the conformity analysis;
 - 6.3.1.12 Projects without a determined design concept and scope shall be discussed at the Interagency Consultation; and
 - 6.3.1.13 Parties must agree on sufficient details of the design concept and scope for the project to be included in the conformity analysis and determination.
- 6.3.2 TCM Analysis and Implementation -- The Interagency Consultation Conformity Determination Meeting shall be used for assuring implementation of TCMs, which shall be a joint responsibility of NCDENR, the MPO and NCDOT. NCDENR shall submit (at the Interagency Consultation Conformity Determination Meeting) a list of the TCMs, which are in the applicable implementation plan and their SIP schedules, to be included in the LRTP or TIP.

- 6.3.3 Scheduling Implementation -- The MPO or its designee shall provide a list of transportation system elements from the most recent conforming LRTP for inclusion in the current TIP to be completed in the time frame established in the LRTP. NCDENR or its designee (at the request of the MPO) shall provide the emission factors to the MPO within a time agreed upon during the interagency consultations and to allow the MPO sufficient time to complete the conformity analysis on schedule. Additional meetings to address schedule changes or modifications shall be scheduled as needed. Due to the difficulty in assembling all Parties at one time, subsequent meetings may involve various subsets of the larger group. However, pertinent information discussed in these sub-meetings shall be shared with the other Parties as defined in Section 2.1.2.
- 6.3.4 TIP Conformity Analysis and Determination -- The MPO shall also discuss the TIP as it relates to conformity-related issues. If the TIP is a subset of a currently conforming LRTP, the discussion of the TIP conformity analysis and determination may be made via e-mail or postal mail unless a Party member identifies sufficient reasons for including such discussions in a scheduled face-to-face meeting. If e-mail or postal mail is used, the MPO shall outline the manner in which the upcoming TIP conformity determination is to be carried out. The MPO shall inform the Parties of any proposed changes in procedure from the last TIP Conformity Analysis and Determination. The review and commenting procedures are outlined in Section 2.0.2.

7.0 CONFORMITY ANALYSIS RESULTS AND REPORTING

The draft conformity analysis report shall be circulated to the Parties defined during the Interagency Consultation Conformity Determination Meeting for their review prior to releasing said draft report for public review as required by Title 15A N.C.A.C. 2D. 2003.

After the Parties' twenty-one (21) day review period, or review period agreed upon by all Parties, the MPO shall provide public review and comments of the draft report in accordance with the MPO's public participation policies and procedures. The MPO shall not make conformity determination or plan adoption or approval until after the agency review is completed or the required review period has ended and after public participation.

7.1 DOCUMENTATION OF CONFORMITY ANALYSIS

The conformity analysis shall document all assumptions and relevant information used to determine the impact of the LRTP, TIP or FHWA/FTA project on travel and emissions in the region.

Contents of the Regional Conformity Analysis Report -- The conformity analysis report shall include, but not be limited to, following documentation:

- 7.1.1 Forecasts of population, household and employment in the analysis shall be either mentioned or referenced in report;
- 7.1.2 Inputs used to develop emissions factors and emission factors used; and
- 7.1.3 VMT and average speed for each federal functional classification.

7.2 COMMENTS BY THE PARTIES AND THE PUBLIC

The Parties may comment upon the analysis results after receiving the results of the draft conformity analysis and report. The results shall also be made available to the public for review and comment in accordance with the MPO's public participation policy and procedures and 23 CFR 450.316(a) and 40 CFR 93.105(e).

- 7.2.1 Evaluation of Comments from the Public -- After the completion of the public comment period, the comments received from the public on the conformity analysis, shall be addressed in the final report and may be raised in an additional meeting between the Parties. Comments may be addressed individually or in summary form at the discretion of the MPO.
- 7.2.2 Evaluation of Comments from the Parties -- If the Parties disagree with the conclusions of the analysis, the MPO shall convene a meeting or consult with the Parties via an electronic communication means (telephone, teleconference, e-mail, etc.) if agreed to by the Parties, to consider and discuss the comments and determine whether further conformity-related analysis is needed.

8.0 CONFORMITY DETERMINATION ADOPTED BY MPO RESOLUTION

The MPO may make a conformity determination and approval/adoption of the LRTP, TIP, RSP or applicable transit project after addressing conformity related objections and concerns raised by both the public and the Parties.

8.1 NOTIFICATION OF MPO RESOLUTION

The MPO shall provide FHWA and NCDOT with written notification of a conformity determination by MPO resolution within the time period agreed upon during interagency consultation meetings. The MPO shall include, along with the notification, a copy of the final conformity analysis and report. FHWA will be responsible for distribution of the final conformity analysis and report to the USEPA and FTA for formal review.

8.2 NCDENR OBJECTION TO CONFORMITY DETERMINATION

If NCDENR objects to the MPO's conformity determination, NCDENR may appeal the MPO determination within fourteen (14) days of receiving notification of the MPO's determination. The appeal process and procedure to be followed shall be in accordance with the Conflict Resolution section of this Agreement. Notwithstanding NCDENR's right of appeal, NCDENR may waive its right to object, in writing, at any time during the fourteen (14) day appeal period.

8.3 USDOT REJECTION OF CONFORMITY DETERMINATION

USDOT may reject the MPO determination within forty-five (45) days of receiving notification of the MPO's determination. The MPO may appeal the rejection to the Secretary of the USDOT. If no written approval or rejection has been received from USDOT after forty-five (45) days, the Secretary of NCDOT, the Chairperson of the MPO or the Secretary of NCDENR may provide a written request of review by the Secretary of the USDOT seeking a resolution among the FHWA and FTA. The rejection of conformity determination and appeal procedure and process shall be in accordance with the Conflict Resolution section of this Agreement.

9.0 CONFLICT RESOLUTION

The purpose of this Agreement is to ensure that necessary conformity analyses and determinations are made efficiently and with limited conflict. The Parties believe this Agreement establishes a means and protocol for consultation and document review that will avoid conflicts and disagreements among the Parties regarding final conformity determinations. Nevertheless, a means must be established to address the possibility that certain conflicts may arise that cannot be resolved among the designated representatives of the Parties. It is the purpose of this section to address such situations.

9.1 RESOLUTION OF CONFLICTS AT THE STATE LEVEL

9.1.1 Conflicts Arising Prior to Conformity Determination -- Any conflict or disagreement between NCDOT, NCDENR and the MPO causing a lack of consensus among the state Parties as to acceptance of MPO conformity analysis may be resolved in the manner described below. If NCDOT or NCDENR objects to the proposed conformity analysis prior to the MPO making a conformity determination by resolution, the issue may be resolved by the following procedure:

9.1.1.1 **Level I Resolution** -- After the objecting Party gives five (5) days written notice to the other Party members explaining the reasons for objection, each staff level Party member shall forward written objections to the Level I Resolution Negotiators who are defined as follows:
 NCDOT -- the Transportation Planning Branch Manager
 NCDENR -- the Division of Air Quality Director
 MPO -- the Chair of Technical Coordinating Committee or his or her designee.

The Level I Resolution negotiators shall have five (5) business days, from notice, to resolve the matter by mutually agreed upon meeting forum, including, but not limited to, face-to-face meetings, telephone and e-mail.

9.1.1.2 **Level II Resolution** – If the Level I Resolution Negotiators are unable to resolve the dispute, it may be raised to Level II Resolution negotiators who are defined as follows:
 NCDOT -- The Secretary of the NCDOT
 NCDENR -- The Secretary of NCDENR
 MPO -- the Chair of the MPO or his/her designee.

The Level II Resolution Negotiators shall have ten (10) business days to resolve the matter by mutually agreed upon meeting forum, including, but not limited to face-to-face meetings, telephone and e-mail.

9.1.2 Conflicts Arising After MPO Regional Conformity Determination -- After the MPO has made its conformity determination by resolution and adoption/approval, NCDENR may appeal said conformity determination by resolution and adoption/approval to the Governor of North Carolina within fourteen (14) days of confirmation that NCDENR received notice. If NCDENR appeals to the Governor, the final conformity analysis and determination must have the concurrence of the Governor of North Carolina. NCDENR shall provide written notice of appeal under this subsection to the Chairperson of the MPO, the Secretary of NCDOT, the FHWA North Carolina Division Administrator, and the USEPA and FTA Region 4 Administrators. Notwithstanding NCDENR's right of appeal, if NCDENR supports the final conformity determination, NCDENR may voluntarily waive its right of appeal, in writing.

9.1.2.1 **Resolution of NCDENR Appeal** -- The Governor may delegate his or her role in this appeals process to another official or agency within the State, but not to the head or staff of NCDENR, NCDOT, MPO, the North Carolina Board of Transportation, or any agency that has responsibility for any one of these functions.

If the NCDENR does not appeal to the Governor within fourteen (14) days of the MPO's notification of conformity on the LRTP or TIP the MPO may continue submission of its conformity determination to USDOT for their final review and conformity determination. The MPO does not have to make conformity determinations on projects.

9.2 RESOLUTION OF CONFLICTS AT THE FEDERAL LEVEL

It is the affirmative responsibility of FHWA and FTA to raise issues prior to the end of any agreed upon review period. If FHWA or FTA determines there is a significant issue, it is that agency's affirmative responsibility to arrange a meeting with the Parties to resolve the issue prior to writing negative comments or finding that the LRTP or TIP in question does not conform to the intent of the North Carolina SIP.

If, after the fourteen (14) day prior notice of the MPO's final conformity determination by resolution and approval/adoption, NCDENR has not appealed said final conformity determination (or waived its right to appeal earlier), FHWA and FTA may provide written approval or rejection of the final conformity determination within forty-five (45) days of notice of final conformity determination.

- 9.2.1 Consensus Among Federal Agencies -- If, within the forty-five (45) day period the FHWA and FTA are in disagreement over the approval or rejection of the conformity determination, the FHWA and FTA may escalate the conflict among their respective agencies in an attempt to resolve the issue within the forty-five (45) days time period.
- 9.2.2 Rejection by the Federal Agencies -- If the FHWA and FTA reject the conformity determination, the MPO, NCDOT or NCDENR may appeal said rejection to the Secretary of USDOT.
- 9.2.3 No Action after Forty-Five (45) Days -- If after forty-five (45) days, no written approval or rejection has been provided from FHWA and FTA, the Secretary of NCDOT, the Chairperson of the MPO or the Secretary of NCDENR may provide a written request of review by the Secretary of the USDOT seeking a resolution among the FHWA and FTA.

10.0 MODIFICATIONS OF AGREEMENT

The Parties may propose revision(s) to this MOA, and request that Parties meet to consider such a revision. A change in duties will require this MOA to be reviewed.

11.0 TERMINATION OF AGREEMENT

11.1 TERMINATION AND RENEWAL

The natural term of this MOA is five (5) years from the date of execution. The MOA will be reviewed to ensure it reflects the current transportation conformity regulation requirements and all parties consulted before the MOA is renewed every for another five (5) years. If a Party desires to re-negotiate a new agreement, the canceling Party must provide written notice to all other Parties at least six (6) months prior.

In the event that a Party seeks to renegotiate the MOA and an agreement on the new MOA is not reached prior to the expiration of the 5-year term, the previous MOA will remain in effect until such time as a new agreement is approved by all Parties and formally adopted into the SIP.

12.0 SAVINGS PROVISIONS AND OTHER

- 12.1** This MOA does not change any of the requirements and obligations contained in any existing law or regulation, including but not limited to Clean Air Act, transportation conformity regulations (40 CFR Parts 51 and 93), National Environmental Policy Act (NEPA), or the North Carolina Administrative Code at 15A NCAC. In the event of conflict between the provisions of this agreement and an existing regulatory provision, the regulatory provision shall prevail.
- 12.2** Upon its execution by the Parties this MOA supersedes any and all previous agreements between the signatories with respect to matters addressed herein.
- 12.3** This MOA does not create any, nor does it affect any existing, administrative or judicial right of the Parties.
- 12.4** If any provision of this MOA is rendered or declared invalid by any final court action or decree, or by reason of preemptive legislation, the remaining sections of this MOA shall remain in full force and effect for the duration of the MOA.
- 12.5** Unless otherwise specified, in computing any period of time prescribed or allowed in this MOA, Rule 6 “Time” of the North Carolina Rules of Civil Procedure shall apply.

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this the _____ day of _____, 2011.

MPO

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this
the _____ day of _____, 2011.

NCDOT

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this
the _____ day of _____, 2011.

NCDENR

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this
the _____ day of _____, 2011.

USEPA

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this
the _____ day of _____, 2011.

FHWA

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have executed this AGREEMENT on this
the _____ day of _____, 2011.

FTA

By: _____

Name: _____

Title: _____

MEMORANDUM

**TO: Technical Coordinating Committee
DCHC MPO**

FROM: DCHC MPO Lead Planning Agency

DATE: January 26, 2011

SUBJECT: 2011-2012 Unified Planning Work Program (UPWP)

Unified Planning Work Program (UPWP) Development Process

The development process for the 2011-12 UPWP is presented below. The work program contains any new initiative for FY2012 and a continuation of the FY2011 initiatives and emphasis areas. In addition, the schedule provides for opportunity for linking the UPWP development with the local member governments' budget process. Draft 2011-2012 UPWP schedule is illustrated in the attached development schedule.

NO.	Date	Descriptions
1	26-Jan-11	TCC receives the draft 2011-12 UPWP
2	4-Feb-11	Deadline for submitting transit element of the UPWP to NCDOT-PTD
3	9-Feb-11	TAC receives draft 2011-2012 UPWP and releases for public comment.
4	23-Feb-11	TCC reviews final draft and recommends TAC to approve and adopt the 2011-2012 UPWP for DCHC.
5	January - February	Development of Draft 2010-11 UPWP and coordinating with local agencies continues.
6	January - February	TCC coordinates with member jurisdictions budget process for local matching funds
7	1-Apr-11	NCDOT/FHWA approves 2011-2012 UPWP
8	13-Apr-11	TAC adopts 2011-2012 UPWP and self certifies MPO planning process.
9	1-Jul-11	2011-2012 UPWP available. Beginning of FY2012 budget year.

MEMORANDUM

To: Transportation Advisory Committee (TAC)
DCHC MPO

From: DCHC MPO Lead Planning Agency

Date: January 12, 2011

Subject: **Lead Planning Agency (LPA) Staff Report**

This memorandum provides a summary status of tasks for projects in the FY 2010-2011 Unified Planning Work Program.

- Indicates that task is ongoing and not complete.
- ✓ Indicates that task is complete.

2010-2011 Unified Planning Work Program (UPWP) – Projects

Comprehensive Transportation Plan (CTP)

- Draft CTP – September 2011 – Depends on NCDOT Schedule
- Public Input
- Recommended CTP
- Adopted CTP
- Technical report and implementation

NC 54/I-40 Corridor/Sub-Area Study

- ✓ Staff study initiation meeting
- ✓ Draft scope of services
- ✓ Agency review of scope and time
- ✓ Request for Proposal notice – October 2008
- ✓ Proposal due January 2009
- ✓ Consultant selected
- ✓ Contract negotiation underway
- ✓ Council contract approval May 18, 2009
- ✓ Notice to Proceed – June 2009
- ✓ Kickoff Meeting – July 2009
- ✓ Public Outreach Plan – August 2009
- ✓ Prepare Corridor / Subarea Community Profile – Dec 2009
 - ✓ Public Workshop #1 – Fall 2009
- ✓ Development and Evaluation of Scenarios – Apr 2010
 - ✓ Public Workshop #2 – Feb 25, 2010
- ✓ Transportation/Land Use Master Plan – June 2010
 - ✓ Public Workshop #3 – May 11, 2010

- ✓ Documentation and Final Presentation – June 2010
- Local agency review – ongoing
- Additional study to address issues raised during public comment
- Study completion – December 2011

GIS/Data Integration and Automation

- ✓ Phase I completed. Internal review and implementation in progress
- ✓ Phase I deployment
- ✓ Database development – ongoing.
- ✓ Phase 2 to commence in July 2011

Land-use Model Development

- ✓ Multi-year project in progress
- ✓ Phase 1 completed
- ✓ Sensitivity analysis and testing in progress
- ✓ Data development in on-going
- Phase 2- Parcel level model for DCHC – To commence in July 2011
 - Initial database – TBD
 - Initial model estimation – TBD
 - Initial calibration – TBD

Non-Motorized Model Development

- ✓ Phase 1 completed.
- ✓ Phase 2 completed
- Sensitivity analysis and testing in progress
- White Paper on non-motorized prioritization tool

MPO Parking Survey and Study (postponed)

- Parking model specification
- Regional Coordination and planning
- Draft scope of services
- Request for Proposal notice
- Consultant selection
- Council contract approval
- Project commences

MPO Community Viz. Scenarios Planning and Visualization

- ✓ Project kick- off in November 2010 – completed
- Data collection
- Build Scenario Planning Tool
- Develop and approve Place Typology – Place Type Palette
- Focus Group Meetings
- Trend Forecasts
- Partnering Strategy
- Build Development Strategy

- Rationalize Scenarios
- Land use and Transportation MOEs
- Documentation/Protocol Report

Contract Number: C201487	Route: US-15
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: B-3450, U-4009, U-4012
Length: 1.769 miles	Federal Aid Number: BRSTP-1116(6)
Resident Engineer: Chad D. Hinnant	RE Phone Number: (919)220-4680
Location Description: BRIDGES OVER SANDY CRK & TRIBUTARY & APPROACHES ON SR-1116, SR-1126 NEAR US-15/501 & SR-1116, US-15/501 AT MT MORIAH RD.	
Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.	
Contractor Name: DLB, INC DBA DLB INC (OF VA)	
Contract Amount: \$18,810,912.36	Cost Overrun/Underrun: 6.37%
Availability Date: 10/1/2007	Letting Date: 8/21/2007
Completion Date: 8/1/2010	Work Began: 10/1/2007
Revised Completion Date: 8/3/2010	Estimated Completion: 12/30/2010
Last Estimate Thru: 10/31/2010	Scheduled Progress: 100%
Last Estimate Paid: 12/15/2010	Actual Progress: 92.29%

Contract Number: C201994	Route: NC-147
Physical Division: 5	County: Durham
Administrative Division: 15	TIP Number: U-4763B
Length: 4.2 miles	Federal Aid Number: TIFIA-540(2)
Resident Engineer: D. Brian Harrington, PE	RE Phone Number: (919)836-4873
Location Description: TRIANGLE PARKWAY FROM NC-540 IN WAKE CO TO I-40 IN DURHAM CO	
Type of Work: GRADING, DRAINAGE, PAVING, SIGNALS, TOLL FACILITIES & STRS.	
Contractor Name: S. T. WOOTEN CORPORATION	
Contract Amount: \$137,446,000.00	Cost Overrun/Underrun:
Availability Date: 9/19/2008	Letting Date: 8/5/2008
Completion Date: 7/1/2011	Work Began: 8/3/2009
Revised Completion Date:	Estimated Completion:
Last Estimate Thru:	Scheduled Progress:
Last Estimate Paid:	Actual Progress:

Contract Number: C202064	Route: SR-2028
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: U-3309A
Length: 1.165 miles	Federal Aid Number: STP-2028(4)
Resident Engineer: Cadmus Capehart, PE	RE Phone Number: (919)840-0914
Location Description: SR-2028 (TW ALEXANDER DR) FROM CORNWALLIS RD TO EAST OF NC-147 IN DURHAM.	
Type of Work: WIDENING, GRADING, DRAINAGE, PAVING & SIGNALS.	
Contractor Name: THOMPSON CONTRACTING GRADING PAVING & UTILITIES INC	
Contract Amount: \$6,502,648.68	Cost Overrun/Underrun: 2.69%
Availability Date: 2/1/2010	Letting Date: 12/15/2009
Completion Date: 8/15/2011	Work Began: 2/8/2010
Revised Completion Date:	Estimated Completion: 8/15/2011
Last Estimate Thru: 10/31/2010	Scheduled Progress: 30.5%
Last Estimate Paid: 11/8/2010	Actual Progress: 36.49%

Contract Number: C202277	Route: I-40
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: R-2000AF, R-5164B
Length: 3.56 miles	Federal Aid Number: STM-540(15)
Resident Engineer: Jeffrey D. Allen, PE	RE Phone Number: (919)733-9499
Location Description: NORTHERN WAKE FREEWAY INTERCHANGE IMPROVEMENTS AT I-540 AND I-40, AND I-40 FROM NC-147 TO EAST OF I-540.	
Type of Work: WIDENING, GRADING, DRAINAGE, MILLING, PAVING, & STRUCTURE .	
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY	
Contract Amount: \$7,577,355.48	Cost Overrun/Underrun: -3.08%
Availability Date: 3/1/2010	Letting Date: 1/19/2010
Completion Date: 12/31/2010	Work Began: 4/1/2010
Revised Completion Date: 1/9/2011	Estimated Completion: 5/1/2011
Last Estimate Thru: 12/7/2010	Scheduled Progress: 100%
Last Estimate Paid: 12/10/2010	Actual Progress: 93.25%

Contract Number: C202340	Route: SR-1321
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: U-3804
Length: 1.07 miles	Federal Aid Number: STM-0505(50)
Resident Engineer: Chad D. Hinnant	RE Phone Number: (919)220-4680

<p>Location Description: SR-1321 (HILLANDALE RD) FROM I-85 TO NORTH OF SR-1407 (CARVER AVE). Type of Work: GRADING, DRAINAGE, PAVING, AND SIGNAL. Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT Contract Amount: \$4,222,625.78 Cost Overrun/Underrun: 0% Availability Date: 8/30/2010 Letting Date: 7/20/2010 Completion Date: 6/15/2012 Work Began: 9/30/2010 Revised Completion Date: Estimated Completion: 6/15/2012 Last Estimate Thru: 11/7/2010 Scheduled Progress: 6.45% Last Estimate Paid: 12/16/2010 Actual Progress: 4.13%</p>	
<p>Contract Number: C202493 Route: I-85 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164A Length: 9.6 miles Federal Aid Number: STM-085-4(114)171 Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: 1 SECTION OF I-85, 1 SECTION OF US-15/501, AND 1 SECTION OF NC-147. Type of Work: MILLING, RESURFACING & MILLED RUMBLE STRIPS. Contractor Name: REA CONTRACTING A DIVISION OF THE LANE CONSTRUCTION CORPORAT Contract Amount: \$6,088,736.11 Cost Overrun/Underrun: 6.36% Availability Date: 3/15/2010 Letting Date: 1/19/2010 Completion Date: 12/16/2010 Work Began: 8/4/2010 Revised Completion Date: Estimated Completion: 4/15/2011 Last Estimate Thru: 12/7/2010 Scheduled Progress: 100% Last Estimate Paid: 12/13/2010 Actual Progress: 79.62%</p>	
<p>Contract Number: C202538 Route: NC-55, NC-751, SR-1118 SR-1357, SR-1404, SR-1615 SR-1641, SR-1646, SR-1656 SR-1670, SR-1671, SR-1901 SR-1954, SR-1955, SR-1981 US-70 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: Length: 22.96 miles Federal Aid Number: Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: 1 SECTION OF US-70, 1 SECTION OF NC-55, 1 SECTION OF NC-751 & 13 SECTIONS OF SECONDARY ROADS. Type of Work: MILLING, RESURFACING & SHOULDER RECONSTRUCTION. Contractor Name: TRIANGLE GRADING & PAVING, INC Contract Amount: \$4,474,348.51 Cost Overrun/Underrun: 0% Availability Date: 3/15/2010 Letting Date: 1/19/2010 Completion Date: 12/16/2010 Work Began: 4/5/2010 Revised Completion Date: Estimated Completion: 4/15/2011 Last Estimate Thru: 12/22/2010 Scheduled Progress: 100% Last Estimate Paid: 12/30/2010 Actual Progress: 81.51%</p>	
<p>Contract Number: C202610 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164D Length: 6.8 miles Federal Aid Number: STM-0147(3) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: NC-147 FROM NORTH OF SR-1322 (BROAD ST) TO NORTH OF SR-2028 (TW ALEXANDER BLVD). Type of Work: DIAMOND GRINDING, CONC PVT SLAB REMOVAL & SHOULDER RECONST. Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$4,274,880.20 Cost Overrun/Underrun: Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 11/1/2011 Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: C202613 Route: - Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: R-5164E Length: 7.59 miles Federal Aid Number: STM-0070(140) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 Location Description: 1 SECTION OF US-70 BUS, 13 SECTIONS OF US-15/501 BUS, 1 SECTION OF NC-751 AND 4 SECTIONS OF SECONDARY ROADS.</p>	

<p>Type of Work: MILLING, RESURFACING & SHOULDER RECONSTRUCTION. Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$1,844,694.96 Cost Overrun/Underrun: Availability Date: 3/15/2011 Letting Date: 9/21/2010 Completion Date: 9/2/2011 Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: DO00031 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: B-4700AD Length: 0 miles Federal Aid Number: BRNHS-000S(370) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 Location Description: BRIDGES #160, 163, 144, 138, AND 140 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: SAFFO CONTRACTORS INC Contract Amount: \$782,555.00 Cost Overrun/Underrun: -2.29% Availability Date: 5/3/2010 Letting Date: 3/18/2010 Completion Date: 9/14/2010 Work Began: 6/18/2010 Revised Completion Date: 10/1/2010 Estimated Completion: 10/14/2010 Last Estimate Thru: 9/22/2010 Scheduled Progress: 100% Last Estimate Paid: 9/24/2010 Actual Progress: 100%</p>	
<p>Contract Number: DO00050 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: B-4700AC Length: 0 miles Federal Aid Number: BRNHS-000S(370) Resident Engineer: Chad D. Hinnant RE Phone Number: (919)220-4680 Location Description: BRIDGES #71 ON US-15/501, 191, 192, 177, 180, 173, 175, 164, & 166 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: SAFFO CONTRACTORS INC Contract Amount: \$792,555.00 Cost Overrun/Underrun: 0.58% Availability Date: 5/3/2010 Letting Date: 3/18/2010 Completion Date: 9/14/2010 Work Began: 8/6/2010 Revised Completion Date: 10/1/2010 Estimated Completion: 10/22/2010 Last Estimate Thru: 12/3/2010 Scheduled Progress: 100% Last Estimate Paid: 12/22/2010 Actual Progress: 98.84%</p>	
<p>Contract Number: DO00069 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: BK-5102G Length: 0 miles Federal Aid Number: BRNHS-0147(4) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: BRIDGES #12, 71, 137, 154, 156, AND 169 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: S & D INDUSTRIAL PAINTING, INC. Contract Amount: \$922,562.15 Cost Overrun/Underrun: Availability Date: Letting Date: 8/19/2010 Completion Date: Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress: Last Estimate Paid: Actual Progress:</p>	
<p>Contract Number: DO00070 Route: NC-147 Physical Division: 5 County: Durham Administrative Division: 5 TIP Number: BK-5102E Length: 0 miles Federal Aid Number: BRZ-1940(2) Resident Engineer: Cadmus Capehart, PE RE Phone Number: (919)840-0914 Location Description: BRIDGES #194 ON SR-1940, #202 ON SR-2080, #206 ON SR-1121, AND #212 ON NC-147. Type of Work: BRIDGE PAINTING. Contractor Name: ASTRON GENERAL CONTRACTING COMPANY INC Contract Amount: \$1,079,557.80 Cost Overrun/Underrun: Availability Date: Letting Date: 8/19/2010 Completion Date: Work Began: Revised Completion Date: Estimated Completion: Last Estimate Thru: Scheduled Progress:</p>	

Last Estimate Paid:	Actual Progress:
Contract Number: DO00076	Route: -
Physical Division: 5	County: Durham
Administrative Division: 5	TIP Number: BK-5102F
Length: 0 miles	Federal Aid Number: BRSTP-1959(5)
Resident Engineer: Jeffrey D. Allen, PE	RE Phone Number: (919)733-9499
Location Description: BRIDGES #228 ON SR-1959, #224 ON SR-1999, AND #100 ON SR-2028.	
Type of Work: BRIDGE PAINTING.	
Contractor Name: SAFFO CONTRACTORS INC	
Contract Amount: \$1,138,000.00	Cost Overrun/Underrun:
Availability Date:	Letting Date: 9/2/2010
Completion Date:	Work Began:
Revised Completion Date:	Estimated Completion:
Last Estimate Thru:	Scheduled Progress:
Last Estimate Paid:	Actual Progress:

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

County	WBS #	Route	Location Description	Amount	Status
Orange	EL-4601	Morgan Creek Greenway	Construct Greenway	\$940,000	ARRA- Sullivan Eastern = 55% actual vs. 83.84% sched. compl. ; ARRA funds added(\$47,488)- latest inv. for reimbursement approved 10/14/10; pedestrian bridge design under review
Orange	EL-5103	Carrboro	Construct bus shelters at 4 locations	\$48,296	ARRA- WC Construction =100% compl.; M.A. compl. 7/14/10-revised to 9/14/10; Final 10/27/10; Invoice #5-Const. admin. under review
Orange	ER-5100 GE	US 15-501@ SR 1734 (Erwin Rd./Europa Dr.)	Plantings	\$65,000	ARRA -Plymouth Nursery and Landscaping =planting compl.; warranty period underway; final compl. 4/30/12
Orange	R-5178A	NC 57	Widen for two foot paved shoulders and resurface from NC 86 to SR 1544 (Pearson Road)	\$1.0 million	ARRA-Riley Paving, Inc.; work began 6/2/10; 100% compl.
Orange	R-5178B	NC 86 (S. Columbia St.) from SR 1010 (Franklin St.) to Cameron Ave.	Mill, resurface, and replace curb and gutter	\$200,000.00	ARRA-Eastern Services, LLC dba Raleigh Paving=100% compl.-final pending
Orange	TA-5117		Two 28' light transit vehicles w/ wheelchair lift	\$183,200.00	ARRA-funds flexed to FTA; Buses have been received by Chapel Hill Transit, lease has been signed and buses delivered to Orange Public Transportation
Orange	U-3100B	SR 1107 (Old Fayetteville Rd.) from NC 54 to SR 1106 (Stroud Lane)	Safety Improvements (Bicycle, Pedestrian, and Transit Accommodations)	\$1.8 million	ARRA-Atwell Const. Co., Inc., Greenville, NC= 100% compl. - punchlist pending

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

Orange	U-3306 34913.3.ST1 STM-1733 (16)	SR 1733 (Weaver Dairy Rd.) from NC 86 to Old Sterling Road	Grading, drainage, paving, signals, curb and gutter, retaining wall	\$13.4 million	Yates Construction Co., Inc. began const. 9/7/10= 7.38% complete
Orange	U-4704	Chapel Hill- Carrboro	Computerized Traffic Signal System	\$5.175 million	ARRA-Brooks Berry Haynie & Assoc., Inc.; Mableton, Ga. = 19.11% compl. - conduit installation underway-aerial pending; cabinets to be installed March 2011
Orange	U-4726 DA	Carrboro	Construct sidewalk on Ashe St. from W. Main St. to Shelton St.	\$284,176.00	ARRA- Centurion Construction Co.=100% compl. ; M.A. compl. rev. to 9/2/10; Final 10/27/10; final inv. for const. admin. under review
Orange	U-4726 DB	Carrboro	Construct sidewalk on Bim St. from SR 1005 (Jones Ferry Rd.) to Fidelity St.	Combined w/ U-4726 DA	ARRA-Centurion Construction Co; =100% compl.; M.A. compl. rev. to 9/2/10; Final 10/27/10; final inv. for const. admin. under review
Orange	U-4726 GA	Twin Creeks Park Greenway	Linear park: 10' multi-use asphalt trail including bridge over Jones Creek	\$429,457.00	ARRA- McQueen Construction = 55.83% compl. - const. of pedestrian bridge & 100' greenway pending; inv. reimbursed; Suppl. Const. Agree. for bridge approved; Suppl. Agreement to extend compl. date to 6/30/11
Orange	U-4726 JA	Hillsborough	Construct sidewalks	\$1,034,110.00	ARRA, STP-DA, & Contingency - S.T. Wooten Corp.= +50% compl. ; M.A. compl. 7/24/11-rev. to 9/17/11;Const. Suppl. for drainage app. by JMM; pay appl. 3-7 under review

**ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO
ARRA**

NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date
			NONE		

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

County	WBS #	Route	Location Description	Amount	Status
Orange	36945	SR 1010 (Franklin St.) @ Mallette St.	Upgrade traffic signal and install pedestrian signal heads REVISION: Install mast arm	\$110,000.00	ALS of N.C., Inc. avail. 12/1/10 for compl. 6/1/11; additional funds approved 12/9/10
Orange	41593	Union Street	Construct 750 feet of sidewalk and a crosswalk to connect Hillsborough Elementary School to SR 1156 (Nash St.)	\$32,000 (Statewide Contingency)	See U-4726 JA; ARRA
Orange	42501	US 15/501/NC54 (Fordham Blvd.) at SR 1900 (Old Mason Farm Rd.)	Construct bus pulloffs on both sides	\$140,000	FA const. =100% compl. pending final pavement markings
Orange	42502	SR 1010 (Franklin St.) between Hillsborough St. and Plant Rd.	Replace deteriorated curb and gutter at several locations on both sides	\$30,000	Municipal Agreement sent to Town for execution 3/9/10-resent 9/30/10; Const. FY '10-'11
Orange	43030	SR 1843 (Seawell School Rd.)	Safety improvements near railroad crossing #736157R (signing, tree removal, grading for visibility, paved shoulders, wedging, short overlay & snow-plowable pavement markers)	\$45,000	F.A. construction - est. compl. 5/30/11
Orange	43114	SR 1005 (Jones Ferry Road) at SR 1937 (Old Fayetteville Road)	Install a pedestrian countdown signal and crosswalk	\$20,000	Project to be installed by Traffic Services
Orange	7CR.10681.16 7CR.20681.16	NC 54 from 560' west of Greenwood Dr. to County line and 11 sections of secondary roads	Milling, resurfacing and shoulder reconstruction	\$3.028 million	S.T. Wooten Corp. = 100% compl.- final paid 1/5/11
Orange	7CR.10681.22 7CR.20681.22 7.106812 7.206812	US 15 from Morgan Creek Rd. to E. Franklin St. and 3 secondary roads	Widening, milling and resurfacing		S.T. Wooten Corp.- Let 11/16/10 Avail. 4/4/11 Int. compl. Maps 1-5 8/12/11 Map 7 8/19/11 Final 9/5/11
Orange	B-4216	SR 1002 (St. Mary's Road)	Replacement of Bridge # 66 over Stroud's Creek	\$800,000	Dane Const. Inc.= 88% compl.- reforestation pending compl. by 12/31/10; Ingle & Son Landscaping, Inc. = slope plantings compl.-final by K.A. T. 1/5/11

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Orange	I-4716	I-40	Grind and reseal joints on I-40 from I-85 to Durham Co. (Patching spalls, Diamond grinding and slab repair added)	\$7.4 million	Safety Grooving & Grinding, L.P., Napoleon, Ohio - =100% compl.; Final 11/2/10; observation period for markings underway
Orange	I-5142	I-85/I-40	Mill, resurface and install pavement markers and rumble strips from west of SR 1114(Buckhorn Road) to the I-85/I-40 interchange	\$8.60 million	FSC II, LLC dba Fred Smith Co.(C.C. Mangum Co., LLC)= 15.2% compl. ; Work began 8/9/10 on WB; EB begins Spring 2011; work resumed 10/31/10- seasonal limitations in effect
Orange	42170 SS-4907 T 42204.2 42204.1	SR 1710 (Old NC 10) @ NC 86	Construct a right turn lane on SR 1710 and install a traffic signal	\$215,000	Barrett, Irvin & Jordan, Contractors, Inc.(DG00048) Avail. 4/15/11 for compl. by 9/1/11
Orange	42171 SS-4907 U 42205.2 42205.1	SR 1710 (Old NC 10) @ SR 1713 (Mt. Herman Church Road)	Improve sight distance on SR 1710 by lowering the crest vertical curve on the westbound approach to the intersection	\$300,000	Final plans complete; utility relocation and right of way acquisition pending; est. Let date = 6/21/11
Orange	42423.3 42423.1 SS -4907V	SR 1005 (Old Greensboro Rd.) @ SR 1951 (White Cross Rd.)	Realign intersection	\$165,000	Survey compl.& Design pending; est. Let =12/20/11; flasher has been installed by separate project
Orange	SR-5000S 40922.1.18 PE	Carrboro Elementary School	Safe Routes to Schools- Education, encouragement, evaluation, and neighborhood outreach	\$12,865	Municipal Agreement with Town
Orange	SS-4907AC 43040.1.1 PE 07-10-727	SR 1734 (Erwin Rd.) and SR 1791 (Mt. Moriah Rd.) near Chapel Hill	Installation of a left turn lane on Erwin Rd. and a traffic signal	\$10,000 PE \$1000 R/W \$239,000 C	Roundabout requested by MPO- est. cost = \$426, 559
NCDOT PROJECTS CURRENTLY IN 12 MONTH LETTING LIST					
County	TIP #	Route	Location Description	TIP Est.	Est. Let Date

ACTIVE NCDOT PROJECTS LOCATED IN ORANGE COUNTY - DCHC MPO

Durham/ Orange	EB-4707	DURHAM/ CHAPEL HILL (SR 1838/SR 2220) FROM SR 1116 (GARRETT ROAD) IN DURHAM COUNTY TO US 15-501 IN ORANGE COUNTY	Bicycle improvements(Bikeway and signals)	\$5.45 million	April 19, 2011- may be delayed
Orange	U-0624	NC 86 (S. Columbia St.)	Corridor upgrade including Bicycle lanes from SR 1906 (Purefoy Rd.) to SR 1902 (Manning Dr.)	\$4.85 million	Nov. 15, 2011

**TARPO TCC/TAC Meeting
Division 8 Project Report**

COUNTY	WBS #	ROUTE	DESCRIPTION	TOTAL FUNDING ALLOCATION	CONTRACT BID AMOUNT	STATUS	MAP
Chatham	41700 SF-4908I	NC 751	Install protected permitted traffic signal and left turn lane at intersection of NC 751 and SR 1731 (O'Kelly Church Road)	PE: \$10,000 ROW: \$58,214.50 Const: \$523,000.00	\$301,260.69	S.T. Wooten Corp began work on 3/16/10 and is currently at 99.6% complete; Scheduled completion date is 4/30/10; Revised completion date is 9/12/2010. Complete, accepted 8/25/10; Economic Stimulus Project	
Chatham	8CR.20191.12	6 sections of secondary roads	Contract resurfacing	\$2,600,000.00	\$2,155,954.37	Riley Paving, Inc. began work on 6/28/10; Currently at 100% complete; Scheduled completion is 8/13/10; Completed 9/22/10	
Chatham	42221 R-5181	NC 87 from south of SR 1516 to north of SR 1516	Construct elliptical roundabout near CCCC in Pittsboro	\$399,750.00	\$584,478.20	Sanford Contractors, Inc began work on 4/19/10; Currently at 99.8% complete; Scheduled completion date is 8/13/10; Economic Stimulus Project; Complete, accepted 8/14/10	
Chatham	36268 U-4726FA & 45067 ER-5100HA	US 15-501 from Cole Park Plaza to Orange County	Install pedestrian facilities (sidewalk) & Streetscaping/Landscaping	U-4726FA PE: \$22,000.00 Const: \$198,000.00 ER-5100HA PE: \$2,525.00 Const: \$22,730.00	\$144,614.00	Chatham County Municipal Agreement; Letting scheduled for 12/3/09; Awarded to White Oak Construction Corp; Availability Date is 1/5/10; Scheduled completion is 6/15/10; Economic Stimulus Project; Complete, accepted 4/30/10	
Chatham	41848.3 SS-4908K	US 64 and SR 2229 (Treatment Plant Road)/SR 1363 (Pearlman Teague Road)	Island construction and improvements to accommodate U-turns	PE: \$28,708.28 ROW: \$11,000.00 CONST: \$346,600.00	\$237,788.60	Let on 5/27/10; Awarded to S.T. Wooten Corp.; Availability date is 6/28/10; Scheduled completion date is October 29, 2010	
Chatham	33710.3.1 B-4459	NC 42	Structure replacement of #56 over Buckhorn Creek and approaches	PE: \$76,000.00 ROW: \$55,000.00 CONST: \$1,600,000.00	\$1,307,174.12	APAC-Thompson Arthur began work on 8/5/10; Currently at 7.7% complete; Scheduled completion date is 12/31/11.	Map
Chatham	C202608 8CR.10191.14 & 42934	US 1 from the Lee Co. line to Wake County and 3 sect of Secondary Roads	Contract Resurfacing	8CR.10191.14 - \$2,900,000 42934 - \$510,000.00	\$2,919,609.44	Let on 9/7/10; Awarded to S T Wooten Corp; Availability date is 10/4/10; Scheduled completion is 6/3/2011	
Chatham	45127.3.1 C-5116	NC 87	Curb & gutter and sidewalk installation in Town of Pittsboro	PE: \$21,521 CONST: \$210,479	\$146,120.00	Cruz Brothers Concrete, Inc.began work on 10/14/10; Currently at 57.2% complete; Scheduled completion date is 12/17/11.	