



Durham - Chapel Hill - Carrboro  
Metropolitan Planning Organization Board  
January 14, 2015

## **FY 2012-2018 TIP Amendment #22 Summary Sheet**

*For Public Hearing and Approval of TIP Amendment*

- **Town of Chapel Hill (TIP Project # U-5550 Fordham Blvd/Ephesus Church Rd Intersection):** Adding a new project to the 2012-2018 TIP with NHP funds. Project added to schedule in STI Statewide Mobility Funds per prioritization to reflect reimbursement for proposed accelerated delivery by Town of Chapel Hill.

Additional information: This would be an exempt project - 40 CFR 93.127 per the conformity regulations. This project does not require a quantitative CO hot-spot analysis but it does require a qualitative analysis to include Interim Guidance Update on Mobile Source Air Toxics (MSAT) by NCDOT Division 7.

- **NCDOT (STIP Project #: M-0479 Statewide Project Development & Env. Analysis):** Project added the STIP. Information from NCDOT Item N Handout: "NEW STIP project #: M-0479. STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. ADD PRELIMINARY ENGINEERING IN FY 15 NOT PREVIOUSLY PROGRAMMED."
- **NCDOT (STIP Project #: E-5502 Bennett Memorial Road and Bennett Place):** Project schedule updated in the STIP. Information from NCDOT Item N Handout: "DELAY CONSTRUCTION FROM FY 13 TO FY 15. PENDING DEPARTMENT OF CULTURAL RESOURCES SECURING NON-FEDERAL MATCH."
- **NCDOT (STIP Project #: C-5552 Various Rail Fourth Daily Frequency Between Raleigh and Charlotte):** Project deleted from the STIP. Information from NCDOT Item N Handout: "DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT P-2918."

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**TIP AMENDMENT SUMMARY SHEET: Adding/creating a new project****Project Details**

Date: 11/12/2014      Jurisdiction/Agency: Chapel Hill

Amendment Requested By: NCDOT      Grantor Grant #

Project Name: Fordham Blvd & Ephesus Church Rd Intersection      MUNIS Grant #

Project Description/Details: # U-5550 (see full description below)

Project Type: (select all that apply)

<input type="checkbox"/> capital	<input type="checkbox"/> planning	<input checked="" type="checkbox"/> design/PE	<input checked="" type="checkbox"/> right-of-way	<input checked="" type="checkbox"/> construction
<input type="checkbox"/> Transit	<input checked="" type="checkbox"/> sidewalks	<input type="checkbox"/> trails	<input checked="" type="checkbox"/> bike lanes	<input type="checkbox"/> resurfacing
<input type="checkbox"/> signalization	<input checked="" type="checkbox"/> intersection	<input type="checkbox"/> ITS	<input type="checkbox"/> safety	<input type="checkbox"/> new road
<input checked="" type="checkbox"/> turn lanes	<input type="checkbox"/> operating	<input type="checkbox"/> administration	<input type="checkbox"/> other	

**Project Funding Summary Table: please enter the anticipated funding schedule**

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2018	ROW / Construction	NHP	1,736,000	434,000		2,170,000
Funding Totals:			1,736,000	434,000		2,170,000

Please provide additional information or full project description if necessary:

Total Project Cost

Adding a new project (U-5550) "US 15/501 Fordham Blvd & SR 1742 Ephesus Church Rd Intersection Improvements" to the 2012-2018 TIP with NHP funds. Project added to schedule in STI Statewide Mobility Funds per prioritization to reflect reimbursement for proposed accelerated delivery by Town of Chapel Hill. This funding can be used for construction and ROW costs. PE will be performed and funded by the Town of Chapel Hill in advance of the ROW and construction phases.

Project description: The eastern leg of the intersection (Ephesus Church Road) will be realigned to intersect Fordham Boulevard (US 15-501) at closer to 90 degrees. This realignment enables construction of dual exclusive westbound left turn lanes, thereby eliminating the current inefficient split phased signal operation and allowing eastbound and westbound left turn to occur concurrently. A monolithic concrete island will also be constructed on the eastern leg between eastbound and westbound travel lanes, preventing left turns in close proximity to the intersection. Service Road connections to the western leg of Ephesus Church Road will be either eliminated or restricted to right turns only as a means of reducing friction and increasing intersection efficiency.

The southbound left turn lane on Fordham Boulevard at Ephesus Church Road will be widened to an 11' lane and extended to provide approximately 300 feet of storage with an appropriate taper. Medians within Fordham Boulevard will be modified to better accommodate truck turning movements through the intersection. To realize greater intersection capacity and provide a longer weaving area, northbound Fordham Boulevard will be remarked to provide 2 through lanes for approximately 750 feet north of Ephesus Church Road before tapering to one lane. This is an increase of approximately 300 feet over current conditions. The median cross over between northbound and southbound Fordham Boulevard (approximately 515 feet north of Ephesus Church Road) will be eliminated.

From a pedestrian and bicycle perspective, the project includes sidewalk connections and crosswalks on all four approaches with pedestrian activated heads. Widening on the eastern leg of Ephesus Church Road will accommodate future bike lanes, with bicycle activated loop detectors.

Additional information: This would be an exempt project - 40 CFR 93.127 per the conformity regulations. This project does not require a quantitative CO hot-spot analysis but it does require a qualitative analysis to include Interim Guidance Update on Mobile Source Air Toxics (MSAT) by NCDOT Division

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**TIP AMENDMENT SUMMARY SHEET: Adding/creating a new project****Project Details**

Date: 11/12/2014

Jurisdiction/Agency: NCDOT

Amendment Requested By: NCDOT BOT

Grantor Grant #

Project Name: Statewide Project Development &amp; Env. Analysis

MUNIS Grant #

Project Description/Details: Statewide Project Development &amp; Env. Analysis, prelim engineering for misc. projects

Project Type: (select all that apply)

<input type="checkbox"/> capital	<input type="checkbox"/> planning	<input checked="" type="checkbox"/> design/PE	<input type="checkbox"/> right-of-way	<input type="checkbox"/> construction
<input type="checkbox"/> Transit	<input type="checkbox"/> sidewalks	<input type="checkbox"/> trails	<input type="checkbox"/> bike lanes	<input type="checkbox"/> resurfacing
<input type="checkbox"/> signalization	<input type="checkbox"/> intersection	<input type="checkbox"/> ITS	<input type="checkbox"/> safety	<input type="checkbox"/> new road
<input type="checkbox"/> turn lanes	<input type="checkbox"/> operating	<input type="checkbox"/> administration	<input type="checkbox"/> other	

**Project Funding Summary Table: please enter the anticipated funding schedule**

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	design/engineering	T	500,000			500,000
Funding Totals:			500,000			500,000

Please provide additional information or full project description if necessary:

Total Project  
Cost

NEW STIP project #: M-0479. Information from NCDOT Item N Handout: "STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. ADD PRELIMINARY ENGINEERING IN FY 15 NOT PREVIOUSLY PROGRAMMED."

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# TIP AMENDMENT PROJECT SUMMARY SHEET: Amending an existing project

## Amendment Request Details

Date: 11/12/2014

Amendment Requested By: NCDOT

☐ TIP Amendment (change in funding > \$1million or requires conformity)
 ☒ TIP Modification (change in funding < \$1 million)

## Existing Project Details

Project Name: BENNETT MEMORIAL ROAD, BENNETT PLACE HISTORIC SITE RENOVATION OF VISITOR CENTER

STIP/TIP # E-5502

Jurisdiction/Agency: City of Durham

Grantor Grant #

MUNIS Grant #

☐ There are previous amendments for this project.

☐ There are NO previous amendments for this project.

## Existing Project Funding Summary Table: please enter the current project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2013	construction	STPE	73,000	18,000		91,000
Funding Totals:			73,000	18,000		91,000 Total Project Cost

## Proposed Funding Summary Table: please enter new/proposed project schedule

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	construction	STPE	73,000	18,000		91,000
Funding Totals:			73,000	18,000		91,000 Total Project Cost

[Continued on page 2]

New STIP/TIP # (if applicable):

Project Description/Details/Termini/etc. to be amended (if applicable):

BENNETT MEMORIAL ROAD, BENNETT PLACE. HISTORIC SITE IN DURHAM. RENOVATION OF VISITOR CENTER TO INCLUDE NEW EXHIBITS AND CLIMATE CONTROL SYSTEM, AND RENOVATION OF GIFT SHOP.

Please provide additional details (if applicable):

Information from NCDOT Item N Handout: "DELAY CONSTRUCTION FROM FY 13 TO FY 15. PENDING DEPARTMENT OF CULTURAL RESOURCES SECURING NON-FEDERAL MATCH."

Send by Email

**Contact Information:**  
**Lindsay Smart, AICP**  
**City of Durham/DCHC MPO**  
**[lindsay.smart@durhamnc.gov](mailto:lindsay.smart@durhamnc.gov)**



**TIP AMENDMENT PROJECT SUMMARY SHEET: Amending an existing project****Amendment Request Details**

Date: 11/12/2014

Amendment Requested By: NCDOT

☒ TIP Amendment (change in funding > \$1million or requires conformity)
 ☐ TIP Modification (change in funding < \$1 million)
**Existing Project Details**

Project Name: Various Rail Fourth Daily Frequency Between Raleigh and Charlotte

STIP/TIP # C-5552

Jurisdiction/Agency: Statewide Project

Grantor Grant #

MUNIS Grant #

☐ There are previous amendments for this project.☐ There are NO previous amendments for this project.**Existing Project Funding Summary Table: please enter the current project schedule**

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
2015	operations	CMAQ	3,263,000	653,000		3,916,000
Funding Totals:			3,263,000	653,000		3,916,000
						Total Project Cost

**Proposed Funding Summary Table: please enter new/proposed project schedule**

FY	Work/Phase	Funding Type	Federal Share	State Share	Local Share	Total
Funding Totals:						\$0
						Total Project Cost

**[Continued on page 2]**

New STIP/TIP # (if applicable):

Project Description/Details/Termini/etc. to be amended (if applicable):

Please provide additional details (if applicable):

Project deleted from STIP. Information from NCDOT Item N Handout: "DELETE, WORK TO BE ACCOMPLISHED UNDER PROJECT P-2918."

Send by Email

**Contact Information:**  
**Lindsay Smart, AICP**  
**City of Durham/DCHC MPO**  
**[lindsay.smart@durhamnc.gov](mailto:lindsay.smart@durhamnc.gov)**

**REVISIONS TO THE 2012-2020 STIP****HIGHWAY PROGRAM****STIP ADDITIONS****STATEWIDE**

M-0479

STATEWIDE

**PROJ.CATEGORY**

STATEWIDE

STATEWIDE PROJECT DEVELOPMENT AND  
ENVIRONMENTAL ANALYSIS, PRELIMINARY  
ENGINEERING FOR MISCELLANEOUS PROJECTS.

ENGINEERING

FY 2015 - \$500,000 (T)  
\$500,000**ADD PRELIMINARY ENGINEERING IN FY 15 NOT  
PREVIOUSLY PROGRAMMED.****STIP MODIFICATIONS****DIVISION 5**

E-5502

DURHAM

**PROJ.CATEGORY**

DIVISION

BENNETT MEMORIAL ROAD, BENNETT PLACE  
HISTORIC SITE IN DURHAM. RENOVATION OF VISITOR  
CENTER TO INCLUDE NEW EXHIBITS AND CLIMATE  
CONTROL SYSTEM, AND RENOVATION OF GIFT SHOP.

CONSTRUCTION

FY 2015 - \$73,000 (STPE)  
FY 2015 - \$18,000 (L)  
\$91,000**DELAY CONSTRUCTION FROM FY 13 TO FY 15  
PENDING DEPARTMENT OF CULTURAL RESOURCES  
SECURING NON-FEDERAL MATCH.****STIP DELETIONS****STATEWIDE**

\* C-5552

STATEWIDE

**PROJ.CATEGORY**

EXEMPT

VARIOUS, RAIL, FOURTH DAILY FREQUENCY BETWEEN  
RALEIGH AND CHARLOTTE.

OPERATIONS

FY 2015 - \$3,263,000 (CMAQ)  
FY 2015 - \$653,000 (L)  
\$3,916,000**DELETE, WORK TO BE ACCOMPLISHED UNDER  
PROJECT P-2918.**