

**RESOLUTION TO MODIFY THE 2020-2029 TRANSPORTATION
IMPROVEMENT PROGRAM FOR THE DURHAM-CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING AREA**

**AMENDMENT #5
April 14, 2021**

A motion was made by MPO Board Member MICHAEL PARKER and seconded by MPO Board Member LISA MATHIS for the adoption of the following resolution, and upon being put to a vote, was duly adopted.

WHEREAS, the Transportation Improvement Program (TIP) is a staged multiple year listing of all federally funded transportation projects scheduled for implementation within the Durham-Chapel Hill-Carrboro Metropolitan Planning Area which have been selected from a priority list of projects; and

WHEREAS, the document provides the mechanism for official endorsement of the program of projects by the MPO Board; and

WHEREAS, the inclusion of the TIP in the transportation planning process was first mandated by regulations issued jointly by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) and no project within the planning area will be approved for funding by these federal agencies unless it appears in the officially adopted TIP; and

WHEREAS, the procedures for developing the TIP have been modified in accordance with certain provisions of the MAP-21 Federal Transportation Act, Fixing America's Surface Transportation (FAST) Act, and guidance provided by the State; and

WHEREAS, projects listed in the TIP are also included in the State TIP (STIP) and balanced against anticipated revenues as identified in both the TIP and the STIP; and

WHEREAS, the North Carolina Department of Transportation and the MPO Board have determined it to be in the best interest of the Urban Area to amend the FY 2020-2029 Transportation Improvement Program as described in the attached sheets; and

WHEREAS, the United States Environmental Protection Agency Designated the DCHC MPO from nonattainment to attainment under the prior 1997 Ozone Standard on December 26, 2007; and

WHEREAS, the DCHC MPO certifies that this TIP amendment is consistent with the intent of the DCHC MPO 2045 Metropolitan Transportation Plan (MTP); and

WHEREAS, in accordance with 23 CFR 450.326 (d), the TIP shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets; and

BE IT THEREFORE RESOLVED that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board hereby approves Amendment #5 to the FY 2020-2029 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on December 11, 2019, and as described in the "FY 2020-2029 TIP Amendment #5 Summary Sheet" on this, the 14th day of April, 2021.

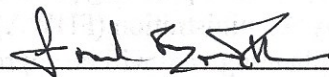

Wendy Jacobs, MPO Board Chair

Durham County, North Carolina

I certify that Wendy Jacobs personally appeared before me this day acknowledging to me that she signed the forgoing document.

Date: April 14, 2021




Frederick Brian Rhodes, Notary Public
My commission expires: May 10, 2025

**MPO Board
 April 14, 2021**

FY 2020-2029 TIP Amendment #5 Summary Sheet

See full report for additional information on each project.

- **C-5605 Projects to improve congestion and air quality in DCHC MPO:** Add engineering, ROW, construction, implementation, and operations in FY21 and FY22 not previously programmed to allow for potential future authorizations.
- **HI-0001I-85/US 15 (North of Redwood Road in Durham County to South of Gate One Road in Granville County) Pavement Rehabilitation:** Programmed to reflect latest interstate maintenance priority.
- **HS-2005C NC 54/55 Pedestrian Refuge Islands:** Add a new project break at the request of the Transportation Mobility and Safety Division.
- **TC-0018 5310 Capital projects for rural non-transit projects:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TC-0019 5311 Capital Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TC-0020 5339 Small Urban:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TC-0021 5339 Statewide Rural:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TC-0022 5311 ADTAP Capital Fund for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TI-6109 Statewide 5311(F) Intercity Bus Funds for FTA Grants:** Modify Federal Funds received from FTA based on FY21-22 grants.
- **TM-0025 5310 Operating Projects:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0027 5311 Administrative Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0028 5311 Operating Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0029 5311 State Administrative Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0030 5311 State Administrative Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0031 RTAP Statewide Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0032 5311(F) Intercity Bus Funds for FTA Grants:** New project developed for federal funding award; added at the request of the Integrated Mobility Division.
- **TM-0033 5311 (F) Intercity Bus – State Admin:** New project developed for federal funding award; added at the request of the Integrated Mobility Division and modify federal funds received from FTA based on FY21-22 Grants.
- **TU-0003 Statewide H.O.P.E Grant from FTA for planning and design for electric vehicle deployment:** Correct funding in FY21 at request of the integrated mobility division.
- **U-5774A NC 54, US 15/US 501 Interchange Upgrade:** Cost increase exceeding \$2 million and 25% thresholds.

**ITEM N
(HANDOUT)**

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM**

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

C-5605	- DURHAM-CHAPEL HILL-CARRBORO	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$119,000	(CMAQ)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION	AIR QUALITY IN THE DURHAM / CHAPEL HILL /		FY 2020 -	\$30,000	(L)
DURHAM		CARRBORO MPO.		FY 2021 -	\$119,000	(CMAQ)
ORANGE		<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$30,000	(L)
PROJ.CATEGORY		<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2022 -	\$119,000	(CMAQ)
EXEMPT		<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$30,000	(L)
		<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>	RIGHT-OF-WAY	FY 2020 -	\$119,000	(CMAQ)
				FY 2020 -	\$30,000	(L)
				FY 2021 -	\$119,000	(CMAQ)
				FY 2021 -	\$30,000	(L)
				FY 2022 -	\$119,000	(CMAQ)
				FY 2022 -	\$30,000	(L)
			CONSTRUCTION	FY 2020 -	\$1,464,000	(CMAQ)
				FY 2020 -	\$366,000	(L)
				FY 2021 -	\$1,464,000	(CMAQ)
				FY 2021 -	\$366,000	(L)
				FY 2022 -	\$1,464,000	(CMAQ)
				FY 2022 -	\$366,000	(L)
			IMPLEMENTATIO	FY 2020 -	\$119,000	(CMAQ)
				FY 2020 -	\$30,000	(L)
				FY 2021 -	\$119,000	(CMAQ)
				FY 2021 -	\$30,000	(L)
				FY 2022 -	\$119,000	(CMAQ)
				FY 2022 -	\$30,000	(L)
			OPERATIONS	FY 2020 -	\$119,000	(CMAQ)
				FY 2020 -	\$30,000	(L)
				FY 2021 -	\$119,000	(CMAQ)
				FY 2021 -	\$30,000	(L)
				FY 2022 -	\$119,000	(CMAQ)
				FY 2022 -	\$30,000	(L)
					<u>\$7,278,000</u>	

* INDICATES FEDERAL AMENDMENT

Thursday, February 4, 2021

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* TC-0018 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5310 CAPITAL PROJECTS FOR RURAL NON TRANSIT PROJECTS <u>ADD PROJECT TC-0018 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2022 - \$341,000 (S) FY 2022 - \$364,000 (L) FY 2022 - <u>\$275,000</u> (5310) \$980,000
* TC-0019 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 CAPITAL FUNDS FOR FTA GRANTS <u>ADD PROJECT TC-0019 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2022 - \$1,715,000 (S) FY 2022 - \$1,715,000 (L) FY 2022 - <u>\$13,717,000</u> (5311) \$17,147,000
* TC-0020 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5339 SMALL URBAN <u>ADD PROJECT TC-0020 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2022 - \$219,000 (S) FY 2022 - \$219,000 (L) FY 2022 - <u>\$1,747,000</u> (5339) \$2,185,000
* TC-0021 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5339 STATEWIDE RURAL <u>ADD PROJECT TC-0021 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	CAPITAL	FY 2022 - \$567,000 (S) FY 2022 - \$567,000 (L) FY 2022 - <u>\$4,536,000</u> (5339) \$5,670,000

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* TC-0022 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 ADTAP CAPITAL FUND FOR FTA GRANTS <u>ADD PROJECT TC-0022 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION</u>	CAPITAL	FY 2022 - \$188,000 (S) FY 2022 - \$188,000 (L) FY 2022 - <u>\$1,504,000</u> (ADTAP) \$1,880,000
* TM-0025 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5310 OPERATING PROJECTS <u>ADD PROJECT TM-0025 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2022 - \$2,106,000 (L) FY 2022 - <u>\$2,106,000</u> (5311) \$4,212,000
* TM-0027 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0027 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2022 - \$892,000 (S) FY 2022 - \$2,676,000 (L) FY 2022 - <u>\$14,272,000</u> (5311) \$17,840,000
* TM-0028 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 OPERATING FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0028 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2022 - \$817,000 (L) FY 2022 - <u>\$817,000</u> (5311) \$1,634,000

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Thursday, March 4, 2021

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* TM-0029 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 STATE ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0029 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2022 - <u>\$3,361,000</u> (5311) \$3,361,000
* TM-0030 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 STATE ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0030 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2022 - <u>\$177,000</u> (ADTAP) \$177,000
* TM-0031 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, RTAP STATEWIDE FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0031 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2022 - <u>\$280,000</u> (RTAP) \$280,000
* TM-0032 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>ADD PROJECT TM-0032 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2022 - <u>\$4,227,000</u> (5311) \$4,227,000

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Thursday, March 4, 2021

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM**

STATEWIDE PROJECT

STIP ADDITIONS

<p>* TM-0033 STATEWIDE PROJ.CATEGORY PUBLIC TRANS</p>	<p>- STATEWIDE PROJECT</p>	<p>NCDOT, 5311(F) INTERCITY BUS - STATE ADMIN <u>ADD PROJECT TM-0033 TO STIP. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u></p>	<p>ADMINISTRATIVE FY 2022 - <u>\$494,000</u> (5311) \$494,000</p>
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* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM**

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* HI-0001 DURHAM GRANVILLE PROJ.CATEGORY STATEWIDE	- CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION - DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - KERR TAR RURAL PLANNING ORGANIZATION	I-85 / US 15, NORTH OF SR 1637 (REDWOOD ROAD) IN DURHAM COUNTY TO SOUTH OF US 15 / SR 1100 (GATE ONE ROAD) IN GRANVILLE COUNTY. PAVEMENT REHABILITATION. <u>PROGRAMMED TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u>	CONSTRUCTION	FY 2021 -	\$2,200,000 \$2,200,000	(NHPIM)
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STIP MODIFICATIONS

* HS-2005C DURHAM PROJ.CATEGORY REGIONAL	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	NC 54, NC 55 IN DURHAM. CONSTRUCT PEDESTRIAN REFUGE ISLANDS IN ALL QUADRANTS. <u>ADD A NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2022 -	\$75,000 \$75,000	(HSIP)
U-5774A ORANGE	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	NC 54, US 15 / US 501. UPGRADE INTERCHANGE <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$2,800,000 \$140,000 \$16,100,000 \$19,040,000	(T) (T) (T)

* INDICATES FEDERAL AMENDMENT

Thursday, April 8, 2021

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM**

STATEWIDE PROJECT

STIP MODIFICATIONS

* TI-6109 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA BASED ON FY 21-22 GRANTS.</u>	OPERATIONS	FY 2021 - <u>\$2,698,000</u> (5311) \$2,698,000
* TM-0033 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311(F) INTERCITY BUS - STATE ADMIN <u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA BASED ON FY 21-22 GRANTS.</u>	OPERATIONS	FY 2022 - <u>\$2,698,000</u> (5311) \$2,698,000
* TU-0003 STATEWIDE PROJ.CATEGORY PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, H.O.P.E GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. PLANNING AND DESIGN IN PREPARATION FOR ELECTRIC VEHICLE DEPLOYMENT. <u>CORRECT FUNDING IN FY 21 AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	PLANNING	FY 2021 - \$12,000 (S) FY 2021 - <u>\$110,000</u> (5312) \$122,000

* INDICATES FEDERAL AMENDMENT

Thursday, April 8, 2021