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

AMENDMENT #10 April 13, 2022

A motion was made by MPO Board Member You Hemminger and seconded by MPO Board Member Taniera Caballer 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 2050 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 #10 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 #10 Summary Sheet" on this, the 13th day of April, 2022.

Jenn Weaver, MPO Board Chair

Hillsborough, North Carolina

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

Date: April 13, 2022

Kayla Peloquin, Notary Public

My commission expires: May 9, 2026

DURHAM • CHAPEL HILL • CARRBORO METROPOLITAN PLANNING ORGANIZATION

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Transportation Improvement Program Amendment #10 Summary Sheet

- C-5650 South Greensboro Street Sidewalks: Delay ROW from FY21 to FY22 and delay CON from FY22 to FY23 to allow additional time for planning and design.
- EL-4828A Morgan Creek Greenway: Delay CON from FY21 to FY23 to allow additional time for planning and design.
- R-5825 Intersection Improvements at NC 751 and O'Kelly Chapel Road:
 Modify CON from FY23 to FY22 to reflect latest delivery schedule.
- RX-2007B SR 1120 (Mount Willing Road), Norfolk Southern Railroad Crossing 735145T Near Efland: Add new project break at request of rail division.
- RC-2000 Statewide Traffic Separation Study Implementation and Closures
 Program Administration: Add new project for planning only at the request of
 the rail division.
- RX-2000 Statewide Highway-Rail Grade Crossing Safety Improvements
 Program Administration: Add new project for planning only at the request of the rail division.
- R-5753 Statewide Federal Lands Transportation Program (FLTP) and Emergency Relief for Federally Owned Roads (ERFO) Road and Bridge Improvements: Add funding in FY23, FY24, and FY25 not previously programmed at the request of the Federal Highway Administration.
- **U-4727 UPWP MPO LPA:** Add \$2.8 million of DA funds and \$616,000 of PL funds for FY23 UPWP activities to be obligated at the end of FY22.
- TD-5273 Durham County Park and Ride: Change project definition to support construction activities at park and rides identified in the Durham County Transit Plan, allocate CON in FY23.
- TD-5295 Hillsborough Park and Ride: Move CON to FY23, transfer construction phase of project to Orange County to align with Transit Plan.
- TC-0020 Statewide Public Transportation: Modify funding in FY22 at the request of MPO.
- **TD-5294 Holloway Street Transit Corridor:** Change project sponsor from GoTriangle to the City of Durham.
- **Durham Station Rehabilitation**: Initial submission; allocate \$10.8 million from FTA for rehabilitation of Durham Station. Design in FY23 and CON in FY24.

ITEM N (HANDOUT)

REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

R-5825 CHATHAM **PROJ.CATEGORY** DIVISION

- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATIONAND REALIGN INTERSECTION.

NC 751, SR 1731 (O'KELLY CHAPEL ROAD). UPGRADE CONSTRUCTION

FY 2022 - \$725,000 (T) \$725,000

MODIFY CONSTRUCTION FROM FY 23 TO FY 22 TO

REFLECT LATEST DELIVERY SCHEDULE.

\$800,000 (RR)

\$800,000

FY 2023 -

CONSTRUCTION

ITEM N (HANDOUT)

REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* RX-2007B **ORANGE PROJ.CATEGORY**

DIVISION

- DURHAM-CHAPEL HILL-CARRBORO

SR 1120 (MOUNT WILLING ROAD), NORFOLK METROPOLITAN PLANNING ORGANIZATIONSOUTHERN RAILROAD CROSSING 735145T NEAR

EFLAND. INSTALL ACTIVE WARNING DEVICES.

ADD NEW PROJECT BREAK AT REQUEST OF RAIL

DIVISION.

^{*} INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

RC-2000 - STATEWIDE PROJECT

STATEWIDE

PROJ.CATEGORY STATEWIDE

RX-2000 - STATEWIDE PROJECT

STATEWIDE **PROJ.CATEGORY** STATEWIDE

STIP MODIFICATIONS

R-5753 **STATEWIDE** PROJ.CATEGORY

EXEMPT

- STATEWIDE PROJECT

VARIOUS, FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP) AND EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS (ERFO). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS

TO FEDERAL LANDS.

ADD FUNDING IN FY 23, FY 24, AND FY 25 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE FEDERAL HIGHWAY ADMINISTRATION.

VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY

IMPROVEMENTS PROGRAM ADMINISTRATION

VARIOUS, TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES PROGRAM

ADMINISTRATION

ADD NEW PROJECT FOR PLANNING ONLY AT THE

ADD NEW PROJECT FOR PLANNING ONLY AT THE

REQUEST OF THE RAIL DIVISION.

REQUEST OF THE RAIL DIVISION.

CONSTRUCTION FY 2022 - \$11.000.000 (FLTP)

> FY 2023 - \$11.200.000 (FLTP) FY 2024 - \$9,500,000 (FLTP)

FY 2025 - \$1,000,000 (FLTP)

\$32,700,000

^{*} INDICATES FEDERAL AMENDMENT

ITEM N (HANDOUT)

REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

U-4727 CHATHAM DURHAM **ORANGE**

DIVISION

- DURHAM-CHAPEL HILL-CARRBORO

VARIOUS, DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATIONMETROPOLITAN PLANNING ORGANIZATION (DCHCMPO) PLANNING ALLOCATION AND UNIFIED **PLANNING**

\$1,760,000 (BGDA) FY 2022 -

FY 2022 -

\$440,000 (L) \$2,200,000

PROJ.CATEGORY

ADD FUNDING AT THE REQUEST OF THE DURHAM-

CHAPEL HILL-CARRBORO MPO.

WORK PROGRAM.

^{*} INDICATES FEDERAL AMENDMENT

\$2,458,000

ITEM N (HANDOUT)

REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

* TC-0020 - STATEWIDE PROJECT STATEWIDE PROJ.CATEGORY PUBLIC TRANS NCDOT, 5339 SMALL URBAN PLANNING FY 2022 \$273,000 (STBG)

MODIFY FUNDING IN FY 22 AT THE REQUEST OF MPO. CAPITAL FY 2022 - \$219,000 (L)

FY 2022 - \$1,747,000 (5339)

* INDICATES FEDERAL AMENDMENT



TIP Amendment Request - Durham County Park and Rides

Amendment Request Details

Туре	TIP Modification (funding change < \$1M)			
Status	Initial Submission			
Request Date	02/14/2022			
Jurisdiction/Agency	GoTriangle			
Requestor	Jay Heikes			
Requestor E-mail	jheikes@gotriangle.org			
DCHC Approval Date				

STIP	TIP 2020 - 2029 (Current)	Proposed STIP	TIP 2020 - 2029 (Current)
Amendment #	Original		
TIP#	TD-5273	Proposed TIP #	

Project Information

Project Name	Durham County Park and Rides
Project Description	Professional services, property acquisition, and construction for park and rides in Durham County. STP-DA Grant.
Additional Details	

Existing Project Schedule

Funding Totals: \$116,000 \$0 \$133,000 \$249,000						
Prior Year	Acquisition	STP-DA	\$116,000	\$0	\$133,000	\$249,000
FY Phase/Work Funding Source Federal Share State Share Local Share Total						
This is the existing schedule from TIP Project <u>TD-5273</u> . Revisions should be made in the proposed schedule box below.						

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2023	Construction	STP-DA	\$116,000	\$0	\$61,300	\$177,300
		Funding Totals:	\$116,000	\$0	\$61,300	\$177,300

Explanation for Request

- 1-Change project definition to support construction activities at park and rides identified in the Durham County Transit Plan
- 2-Update to FY23
- 3-Allocate funds to Construction
- 4-Update total cost estimate and local match to account for current construction budgets



TIP Amendment Request - Hillsborough Park and Ride - Construction

Amendment Request Details

Туре	TIP Modification (funding change < \$1M)				
Status	Initial Submission				
Request Date	02/14/2022				
Jurisdiction/Agency	GoTriangle				
Requestor	Jay Heikes				
Requestor E-mail	jheikes@gotriangle.org				
DCHC Approval Date					

STIP	TIP 2020 - 2029 (Current)	Proposed STIP	TIP 2020 - 2029 (Current)
Amendment #	Original		
TIP#	<u>TD-5295</u>	Proposed TIP #	

Project Information

Project Name	Hillsborough Park and Ride - Construction
Project Description	Construct a park and ride facility in the Town of Hillsborough.
Additional Details	Design and ROW through separate project under GoTriangle sponsorship STIP ID TD-5260 / TD-5272 and Orange Transit Plan ID 18GOT_CD8.

Existing Project Schedule

This is the existing schedule from TIP Project <u>TD-5295</u>. Revisions should be made in the proposed schedule box below.

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2020	Construction	Fed	\$960,000	\$0	\$0	\$960,000
2020	Construction	Т	\$0	\$120,000	\$0	\$120,000
2020	Construction	L	\$0	\$0	\$120,000	\$120,000
Funding Totals:			\$960,000	\$120,000	\$120,000	\$1,200,000

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2023	Construction	Т	\$0	\$120,000	\$0	\$120,000
2023	Construction	L	\$0	\$0	\$800,000	\$800,000
Funding Totals:			\$0	\$120,000	\$800,000	\$920,000

Explanation for Request

- 1-Transfer construction phase of project to Orange County to align with Transit Plan.
- 2-Remove federal funding for construction phase (\$116,000 in federal funding for Design and ROW included in project TD-5272 / TD-5260)
- 3-Update local share to match current allocation for construction in Orange County Transit Plan (project 200PT_CD2)
- 4-Shift construction phase to FY23



TIP Amendment Request - Morgan Creek Greenway Phase 1

Amendment Request Details

Туре	TIP Modification (funding change < \$1M)			
Status	Initial Submission			
Request Date	02/28/2022			
Jurisdiction/Agency	Town of Carrboro			
Requestor	Tina Moon			
Requestor E-mail	cmoon@carrboronc.gov			
DCHC Approval Date				

STIP	TIP 2020 - 2029 (Current)	Proposed STIP	TIP 2020 - 2029 (Current)
Amendment #	#4 2/10/2021 (Adopted)		
TIP#	EL-4828A	Proposed TIP #	

Project Information

Project Name	Morgan Creek Greenway Phase 1
Project Description	A ten-foot paved greenway beginning at the Smith Level Road and extending west along the north side of Morgan Creek to a terminus point near the recreation area for the Berryhill neighborhood on the south side of the creek, by way of a pedestrian bridge. The greenway will include a spur to the cul-de-sac at Abbey Lane and a connection to the future Morgan Creek Greenway in Chapel Hill by way of an underpass under the Smith Level Road bridge.
Additional Details	

Existing Project Schedule

This is the existing schedule from TIP Project <u>EL-4828A</u>. Revisions should be made in the proposed schedule box below.

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total		
2021	Construction	STBGDA	\$298,000	\$0	\$74,000	\$372,000		
		Funding Totals:	\$298,000	\$0	\$74,000	\$372,000		

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2023	Construction	STBGDA	\$524,000	\$0	\$131,000	\$655,000
2023	Construction	TAP-DA	\$730,000	\$0	\$182,500	\$912,500
Funding Totals:		\$1,254,000	\$0	\$313,500	\$1,567,500	

Explanation for Request

Project was advertised; bids exceeded the engineer's estimate by more than 10%. Design modifications for value engineering and clarification are underway, project milestone extension needed to complete design/construction.



TIP Amendment Request - South Greensboro Street Sidewalks

Amendment Request Details

Туре	TIP Modification (funding change < \$1M)
Status	Initial Submission
Request Date	02/28/2022
Jurisdiction/Agency	Town of Carrboro
Requestor	Tina Moon
Requestor E-mail	cmoon@carrboronc.gov
DCHC Approval Date	

STIP	TIP 2020 - 2029 (Current)	Proposed STIP	TIP 2020 - 2029 (Current)
Amendment #	#6 6/9/2021 (Adopted)		
TIP#	<u>C-5650</u>	Proposed TIP #	

Project Information

Project Name	South Greensboro Street Sidewalks
Project Description	Construct 3,100 linear feet of sidewalk on one side of South Greensboro Street in Carrboro. This project replaces U-4726Dx. Included in TIP through Amendment #1.
Additional Details	

Existing Project Schedule

FΥ Phase/Work **Local Share Funding Source Federal Share State Share Total** 2021 Right of Way STBG \$100,000 \$0 \$25,000 \$125,000 2022 Construction CMAQ (L) \$440,000 \$0 \$0 \$440,000 2022 Construction STBG \$530,000 \$0 \$0 \$530,000 2022 Construction L \$0 \$0 \$748,000 \$748,000 2022 Construction **BGDACV** \$206,343 \$0 \$0 \$206,343

\$1,276,343

\$0

This is the existing schedule from TIP Project C-5650. Revisions should be made in the proposed schedule box below.

Funding Totals:

\$2,049,343

\$773,000

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2020	PE/Design	STBGDA	\$316,420	\$0	\$98,580	\$415,000
2022	Right of Way	STBGDA	\$40,000	\$0	\$10,000	\$50,000
2023	Construction	CMAQ (L)	\$440,000	\$0	\$110,000	\$550,000
2023	Construction	STBGDA	\$357,579	\$0	\$71,516	\$429,095
2023	Construction	STBGDA	\$380,800	\$0	\$95,200	\$476,000
2023	Construction	BGDACV	\$206,343	\$0	\$0	\$206,343
2023	Construction	CMAQ (L)	\$560,000	\$0	\$140,000	\$700,000
	Funding Totals:			\$0	\$525,296	\$2,826,438

Explanation for Request

Unanticipated utility work (waterline replacement) has increased the project budget and the need to extend the project milestones.



TIP Amendment Request - Holloway Street Transit Corridor

Amendment Request Details

Туре	TIP Modification (funding change < \$1M)
Status	Initial Submission
Request Date	03/25/2022
Jurisdiction/Agency	City of Durham
Requestor	Kayla Peloquin
Requestor E-mail	kayla.peloquin@durhamnc.gov
DCHC Approval Date	

STIP	TIP 2020 - 2029 (Current)	Proposed STIP	TIP 2020 - 2029 (Current)
Amendment #	Original		
TIP#	TD-5294	Proposed TIP #	

Project Information

Project Name	Holloway Street Transit Corridor
Project Description	Construct bus stop improvements and better access to bus stops along NC 98 (Holloway Street).
Additional Details	Change project sponsor from GoTriangle to the City of Durham.

Existing Project Schedule

Funding Totals: \$954,000 \$106,000 \$106,000 \$1,166,000								
Prior Year	Construction	Fed	\$954,000	\$106,000	\$106,000	\$1,166,000		
FY Phase/Work Funding Source Federal Share State Share Local Share Total								
This is the existing schedule from TIP Project <u>TD-5294</u> . Revisions should be made in the proposed schedule box below.								

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
Prior Year	Construction	Fed	\$954,000	\$106,000	\$106,000	\$1,166,000
Funding Totals:			\$954,000	\$106,000	\$106,000	\$1,166,000

Explanation for Request

Change project sponsor from GoTriangle to the City of Durham



TIP Amendment Request - Durham Station Rehabilitation

Amendment Request Details

Туре	New Project
Status	Initial Submission
Request Date	03/30/2022
Jurisdiction/Agency	City of Durham
Requestor	Tom Devlin
Requestor E-mail	tom.devlin@durhamnc.gov
DCHC Approval Date	

Proposed STIP	TIP 2020 - 2029 (Current)
Proposed TIP #	

Project Information

Project Name	Durham Station Rehabilitation
Project Description	GoDurham is planning improvements to Durham Station to expand equitable access to transit, improve station amenities, and increase connections to employment, healthcare and education opportunities. GoDurham's system-wide average daily weekday ridership has increased since Durham Station opened in 2008 from 8,000 to 14,000 riders (21,000 pre-COVID). With this ridership growth, existing conditions at Durham Station do not effectively serve the needs of the low income and transit-dependent riders and provide limited opportunities for increased transit service. Improvements will serve a large portion of GoDurham riders, 80% of which are minorities, 90% of which earn less than \$35,000 a year, and 68% of which that do not have access to a personal vehicle.
	The existing conditions provide limited seating and covering for passengers. The canopies cover 30% of the bus island, often resulting in passengers standing in weather conditions and walking through water. The improvements to the bus island will include expanded canopies to protect 80% of the bus island for more expansive shelter from the weather and host solar panels, additional seating, new restrooms and a customer service security kiosk. These new amenities respond to rider-identified improvements to assist in quick transfers and a better waiting experience.
	In addition to passenger amenity improvements, 8 additional bus bays, redesigned bus lanes and new pavement will improve transit operations and safety at Durham Station. Space for future electric bus charging will also be provided. The existing site layout is at capacity with existing transit operations and will not be able to accommodate future improvements and service expansion being developed in the Durham Transit Plan
Additional Details	

Proposed Project Schedule

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2023	Planning/Design/PE	5339 (FBUS)	\$1,440,000	\$	\$360,000	\$1,800,000
2024	Construction	5339 (FBUS)	\$9,360,000	\$	\$2,340,000	\$11,700,000
		Funding Totals:	\$10,800,000	\$0	\$2,700,000	\$13,500,000

Explanation for Request

City of Durham was recently awarded \$10.8m from the FTA for the rehabilitation/revitalization of Durham Station. This request is to add this project to TIP so we can start design work in FY23 and begin construction in FY24.