



charlotte regional transportation planning organization

TO: CRTPO Delegates and Alternates
FROM: Jennifer Stafford
Project Development Planner
DATE: March 15, 2023

SUBJECT: 2022 CRTPO Discretionary Program – Recommended Projects

ACTION REQUESTED:

- Approve discretionary funds for the projects recommended from the fall 2022 project call and amend the 2020-2029 Transportation Improvement Program to add the funding allocations to new and existing projects.
Approve a resolution to endorse 4 CMAQ applications to NCDOT for \$9,616,300.

FALL CALL BACKGROUND:

- The TCC unanimously recommended that the Board approve this item during the February 2 meeting.
There is currently \$59.1 million in discretionary funds available for allocation by the CRTPO during the Fall 2022 call for projects.

Table with 2 columns: CRTPO Discretionary Funding Type, Funding Amount in Millions. Rows include Surface Transportation Block Grant, Transportation Alternatives Program, Carbon Reduction Program, Congestion Mitigation Air Quality, and a total of \$59.1 million for FY 23-26.

- A 60-day call for projects opened on August 15 and closed on October 28, and applications were received for roadway, bicycle and pedestrian, carbon reduction, and local planning projects.
Members submitted 34 applications that totaled approximately \$80 million in requested discretionary funds
A map of the submitted projects can be viewed here.
In December, the Project Oversight Committee (POC) met to review the draft project scores and develop a recommended list.
The POC considered the following information in their recommendation:
The Discretionary Funds Policy Guide suggests funding targets of 80% highway and 20% non-highway of the total available amount
The total highway requests were lower than the available target
The surplus of funds remaining from the highway funding target was used to fund additional bicycle & pedestrian projects
The Infrastructure Investment Jobs Act (IIJA) provides CRTPO with Carbon Reduction Program funds. Since the funds are new, CRTPO has not yet developed a scoring criterion
On January 26, the POC met to discuss comments from the January TCC and Board meetings. CATS reduced their funding request, and the POC modified its recommendation to the TCC based upon CAT's modification. CATS scaled back the number of electric bus chargers from 20 to 15, reducing the funding from \$8,800,000 to \$6,546,100 and releasing \$2,253,900 to be available for project funding.
The table below shows discretionary funds recommended for each project category:

Project Category	CRTPO Discretionary Project Status	Number of Applications Received	Number of Projects Recommended	Total Discretionary Recommended Amount (in Millions)	Ratio of Funding by Category
Highway	New Projects	9	9	\$28.6	62%
	Existing Discretionary	2	2	\$7.8	
Non-highway: Bicycle & Pedestrian	New Projects	14	7	\$14.6	25%
	Existing Discretionary	1	1	\$0.3	
Non-highway: Carbon Reduction Projects	New Projects	3	3	\$7.2	12%
Local Planning Projects	New Projects	5	5	\$0.5	1%
TOTAL RECOMMENDED DISCRETIONARY PROJECTS		34	27	\$59.1	100%

- A detailed list of scored and recommended projects is attached.
- A detailed list of the TIP amends is attached.

CMAQ BACKGROUND

- On November 10, 2022, the NCDOT opened the CMAQ call for projects, with applications due by March 15.
- The CRTPO is eligible to receive approximately \$7,971,452 in the NCDOT's MPO/RPO allocation per year. A total of \$23,914,356 from FY 2024- 26 CMAQ funds are being programmed.
- The Project Oversight Committee has recommended to the TCC that the FY 2024-26 CMAQ funds be applied to the following new eligible projects from the 2022 Fall Call for discretionary funded projects:

Mode	2022 Discretionary Project Name	Jurisdiction	Project Funding (in millions)		
			Local Match Amount	Discretionary Amount	Total Project Cost
Highway	Bonds Grove Church Rd and Waxhaw Marvin Rd – Intersection Improvements	Union Co.	\$1.1	\$4.3	\$5.5
Highway	NC 218 and Love Mill Rd - Intersection Improvements	Union Co.	\$1.0	\$2.0	\$2.8
Highway	Lancaster Hwy at Providence Rd W – Intersection Improvements	Charlotte	\$0.5	\$1.2	\$1.7
Highway	Beaty St-Main St - Intersection Improvements	Davidson	\$1.3	\$2.1	\$3.4
TOTALS			\$3.8	\$9.6	\$13.4

- The remaining FY 2024-26 CMAQ funds will be used on existing projects with an NCDOT funding status administrative swap of STBG-DA funds which are more flexible for CRTPO's use. All swaps will have a financially neutral effect where the type of funds is being exchanged without a net increase/decrease in the overall allocation of discretionary funds.
- Projects have been determined to be eligible for CMAQ funds through consultation with FHWA and NCDOT.
- Once approved, staff will submit a CMAQ application to NCDOT with anticipated emissions reduction calculations from each proposed project.
- The NCDOT CMAQ application requires an executed resolution from the CRTPO.



CRTPO 2020-2029 TIP Amendments: Recommended Discretionary Funds Allocations

February 2023 TCC & Board Meetings

Table 1: Amendments to Add Projects to the TIP

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
HL-0116	Union County Bonds Grove Church Rd and Waxhaw Marvin Rd - Intersection Improvements	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CMAQ	Engineering	\$350,000	2024
				Local Match	Engineering	\$88,000	2024
				CMAQ	Right-of-Way	\$476,000	2026
				Local Match	Right-of-Way	\$119,000	2026
				CMAQ	Construction	\$3,542,000	2028
Local Match	Construction	\$885,000	2028				
HL-0112	Charlotte DeArmon Rd - Complete Street Improvements (Benfield Rd - Browne Rd)	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	BGDA	Construction	\$5,486,000	2024
				Local Match	Construction	\$10,189,000	2024
HL-0113	Charlotte Lancaster Hwy at Providence Rd W - Intersection Improvements	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CMAQ	Construction	\$1,185,300	2026
				Local Match	Construction	\$508,000	2026
HL-0114	Mooresville Langtree Rd Widening (Lanyard Dr - Mt Mourne Lp)	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	BGDA	Engineering	\$873,000	2024
				Local Match	Engineering	\$218,000	2024
HL-0115	Waxhaw Downtown Waxhaw Intersection Improvements along NC 16 and NC 75	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	BGDA	Engineering	\$369,000	2025
				Local Match	Engineering	\$92,000	2025
				BGDA	Right-of-Way	\$414,000	2027
				Local Match	Right-of-Way	\$103,000	2027
				BGDA	Construction	\$2,479,000	2029
Local Match	Construction	\$620,000	2029				
HL-0117	Union County NC 218 and Love Mill Rd - Intersection Improvements	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CMAQ	Engineering	\$140,000	2023
				Local Match	Engineering	\$60,000	2023
				CMAQ	Right-of-Way	\$216,000	2024
				Local Match	Right-of-Way	\$92,000	2024
				CMAQ	Construction	\$1,644,000	2026
Local Match	Construction	\$705,000	2026				



CRTPO 2020-2029 TIP Amendments: Recommended Discretionary Funds Allocations

February 2023 TCC & Board Meetings

Table 1: Amendments to Add Projects to the TIP - *Continued*

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
HL-0118	Huntersville Stumptown Road Extension at NC 115	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	BGDA	Engineering	\$148,000	2025
				Local Match	Engineering	\$37,000	2025
				BGDA	Right-of-Way	\$1,584,000	2025
				Local Match	Right-of-Way	\$396,000	2025
				BGDA	Construction	\$3,424,000	2027
				Local Match	Construction	\$856,000	2027
HL-0111	Davidson Beaty St-Main St Intersection Improvements	Highway & Intersection	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CMAQ	Engineering	\$215,000	2025
				Local Match	Engineering	\$143,000	2025
				CMAQ	Right-of-Way	\$203,000	2027
				Local Match	Right-of-Way	\$136,000	2027
				CMAQ	Construction	\$1,645,000	2029
				Local Match	Construction	\$1,097,000	2029
BL-0083	Charlotte Sugar Creek Rd Pedestrian Safety & Connectivity Project (Rumple Rd and Nevin Rd - Roman Rd to Graham St)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Right-of-Way	\$309,000	2025
				TAPDA	Right-of-Way	\$377,000	2025
				Local Match	Construction	\$1,676,000	2026
				TAPDA	Construction	\$2,048,000	2026
BL-0082	Mooresville Mecklenburg Hwy (NC 115) - Construct Shared Use Path on Mecklenburg Hwy, and filling sidewalk gaps on Fairview Rd and Waterlynn Rd (Fairview Rd - Waterlynn Rd)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Engineering	\$172,000	2025
				TAPDA	Engineering	\$172,000	2025
				Local Match	Right-of-Way	\$350,000	2027
				TAPDA	Right-of-Way	\$350,000	2027
				Local Match	Construction	\$1,915,000	2029
				TAPDA	Construction	\$1,914,000	2029
BL-0081	Mint Hill Lebanon Rd and Margaret Wallace Rd Sidewalk (Gristmill Ln - Idlewild Rd)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Engineering	\$87,000	2024
				TAPDA	Engineering	\$347,000	2024
				Local Match	Right-of-Way	\$27,000	2026
				TAPDA	Right-of-Way	\$106,000	2026
				Local Match	Construction	\$216,000	2027
				TAPDA	Construction	\$865,000	2027



CRTPO 2020-2029 TIP Amendments: Recommended Discretionary Funds Allocations

February 2023 TCC & Board Meetings

Table 1: Amendments to Add Projects to the TIP - *Continued*

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
BL-0084	Charlotte Albemarle Rd Pedestrian Safety & Connectivity Project (Redman Rd - Central Ave)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Construction	\$1,436,000	2026
				TAPDA	Construction	\$1,756,000	2026
BL-0080	Huntersville Greenway Tunnel under US 21 (Compass St - Shiv Dr)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Construction	\$650,000	2025
BL-0096	Davidson Beaty St Construct Shared Use Path (N. Main St - Griffith St)	Non-Highway (Bike & Ped)	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	Local Match	Engineering	\$132,000	2024
				TAPDA	Engineering	\$198,000	2024
				Local Match	Right-of-Way	\$240,000	2026
				TAPDA	Right-of-Way	\$361,000	2026
				Local Match	Construction	\$1,024,000	2028
TAPDA	Construction	\$1,537,000	2028				
TL-0031	Union County Union Co. Transportation - Low Emission Alternative Fuel Conversion	Public Transportation Project	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CRP-DA	Capital	\$160,000	2024
				Local Match	Capital	\$40,000	2024
TL-0030	Indian Trail Indian Trail - EV Chargers - Install type-two EV chargers at Crooked Creek Park, Chestnut Square Park and Crossing Paths Park	Public Transportation Project	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CRP-DA	Construction	\$468,000	2024
				Local Match	Construction	\$117,000	2024
TL-0032	Charlotte CATS - Battery Electric Bus Chargers	Public Transportation Project	Add new project. Fund project as approved by the CRTPO Board on March 15, 2023.	CRP-DA	Construction	\$6,546,100	2023
				Local Match	Construction	\$1,636,525	2023



CRTPO 2020-2029 TIP Amendments: Recommended Discretionary Funds Allocations

February 2023 TCC & Board Meetings

Table 2: Amend Existing TIP Projects to Add Discretionary Funds

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
RL-0001	Mooreville Mazeppa Rd Grade Separation over NC 115 and Norfolk Southern Railroad - Intersection Improvements	Highway & Intersection	Add supplemental funds to engineering in FY 23 and construction in FY 25, as approved by the CRTPO Board on March 15, 2023.	BGDA	Engineering	\$398,000	2023
				Local Match	Engineering	\$100,000	2023
				BGDA	Construction	\$3,818,000	2025
				Local Match	Construction	\$955,000	2025
EB-5969	Matthews Pineville Matthews Rd (NC 51) - Construct Shared Use Path (N Trade St - Independence Pkwy)	Non-Highway (Bike & Ped)	Fund project through the Discretionary Program as approved by the CRTPO Board on March 15, 2023.	Local Match	Engineering	\$93,000	2023
				TAPDA	Engineering	\$371,000	2023
				Local Match	Right-of-Way	\$173,000	2025
				TAPDA	Right-of-Way	\$692,000	2025
				Local Match	Construction	\$234,000	2027
TAPDA	Construction	\$937,000	2027				
EB-5829	Mecklenburg County Supplemental funds request: Four Mile Creek Greenway Crossing Under S Trade St (EB- 5829) (S Trade St - S Trade St)	Shortfall	Add supplemental funds to construction in FY 23, as approved by the CRTPO Board on March 15, 2023.	Local Match	Construction	\$115,000	2023
				TAPDA	Construction	\$344,000	2023
U-5874	Charlotte Supplemental funds request: North University Research Park/I-85 Overpass (U-5874) (Research Dr - JW Clay Blvd)	Shortfall	Add supplemental funds to construction in FY 23, as approved by the CRTPO Board on March 15, 2023.	BGDA	Construction	\$4,752,000	2023
				Local Match	Construction	\$1,188,000	2023
U-5907	Davidson Supplemental funds request - Potts-Sloan-Beaty Connector	Shortfall	Add supplemental funds to construction in FY 23, as approved by the CRTPO Board on March 15, 2023.	BGDA	Engineering	\$100,000	2023
				Local Match	Engineering	\$25,000	2023
				BGDA	Right-of-Way	\$828,000	2025
				Local Match	Right-of-Way	\$207,000	2025
				BGDA	Construction	\$2,117,000	2027
Local Match	Construction	\$529,000	2027				