

TO: CRTPO Delegates and Alternates
 FROM: Jennifer Stafford, RLA
 Project Development Planner
 DATE: January 25, 2023

SUBJECT: Consent Agenda Item: 2020-2029 TIP Amendments

ACTION REQUESTED:

Approve 11 amendments to the 2020-2029 Transportation Improvement Program (TIP).

BACKGROUND:

- The TCC unanimously recommended that the Board approve this item during the January 5 meeting.
- All projects receiving federal funding must be in the CRTPO’s TIP and the State Transportation Improvement Program (STIP). The federal regulations also require that the TIP and STIP must be consistent.
- On November 3 and December 1, the NCDOT Board of Transportation approved STIP amendments.
- One TIP amendment was created by CATS and CRTPO, the remaining TIP amendments were initiated by the NCDOT to reflect schedule and funding source changes.
- The I-77 Hambricht Park and Ride (TA-6724) TIP amendment is necessary to correct the federal source of funds from BGDA to CMAQ and extend construction to FY 24.
- The three tables below describe the breakdown of the 11 TIP Amendments requested:
 - Table 1 categorizes the project types included in the requested TIP amendments
 - Table 2 depicts adding projects to the CRTPO’s TIP
 - Table 3 depicts the proposed amendments to existing projects within the CRTPO’s TIP

TABLE 1: TIP Amendments Project Categories			
Highway Projects		Non-Highway Projects	
• Bridge	1	• Intelligent Transportation System	2
• Interstate	1	• Public Transportation (Park & Ride)	1
• Highway	1		
• Statewide - Safety	1		
• Urban highway	4		

FUNDING LEGEND:

- BGANY - Surface Transportation Block Grant Program (Any Area)
- BGDA (formally STBG-DA) - Surface Transportation Block Grant Program (Direct Attributable)
- BGOFF - Surface Transportation Block Grant Program (Off-System Bridge)
- CMAQ - Congestion Mitigation Air Quality
- CRPANY - Carbon Reduction Program (Any Area)
- NHPIM - National Highway Performance Program (Interstate Maintenance)
- L - Local
- St.Hwy.Tr.Fd. - State Highway Trust Funds



CRTPO 2020 - 2029 TIP Amendments

January 2023 TCC & Board Meetings

Table 2: Add projects to TIP

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
HB-0032	Iredell County Hudson Chapel Rd - Replace Bridge at Catawba River	Bridge Project	Add project at the request of NCDOT's Structures Management Unit.	BGOFF	Right-of-Way	\$775,000	2025
				BGOFF	Utilities	\$775,000	2025
				BGOFF	Construction	\$7,750,000	2026
				BGOFF	Construction	\$7,750,000	2027
HO-0010A	Mecklenburg County, Union Co Statewide Traffic Operations for Various Projects	Statewide	Add project at the request of NCDOT's Transportation Mobility and Safety Division.	CRPANY	Implementation	\$3,200,000	2023
				State Match	Implementation	\$800,000	2023

Table 3: Amend Projects in TIP

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
C-5613BD	Charlotte Intelligent Transportation System project at Arrowood Rd	Non-Highway	Segment project C-5613 into segment BD not previously shown.	CMAQ	Construction	\$482,000	2023
				Local Match	Construction	\$128,000	2023
C-5613BE	Charlotte Intelligent Transportation System project at Mallard Creek Rd	Non-Highway	Segment project C-5613 into segment BE not previously shown.	CMAQ	Engineering	\$42,000	2023
				CMAQ	Construction	\$158,000	2023
I-5838	Charlotte I-85 - Rehabilitate bridges over I-85 NB and I-85 SB over Seaboard Coastline Railroad	Interstate Project	To allow additional time for preliminary engineering, delay construction from FY 22 to FY 23.	NHPIM	Construction	\$9,000	2023
				NHPIM	Construction	\$891,000	2024



CRTPO 2020 - 2029 TIP Amendments

January 2023 TCC & Board Meetings

Table 3: Amend Projects in TIP (continued)

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
TA-6724	Charlotte, Huntersville Hambright Road Transit Park & Facility	Public Transportation Project	To correct the federal funding source from BGDA to CMAQ and extend construction to FY 24.	CMAQ	Engineering	\$1,121,000	2023
				Local Match	Engineering	\$151,000	2023
				State Match	Engineering	\$238,000	2023
				CMAQ	Right-of-Way	\$379,000	2023
				Local Match	Right-of-Way	\$51,000	2023
				State Match	Right-of-Way	\$70,000	2023
				CMAQ	Construction	\$7,916,000	2024
				Local Match	Construction	\$1,067,000	2024
U-4913A	Matthews, Stallings Idlewild Road - Widen existing roadway (Stallings Rd - I-485)	Urban Highway	To reflect latest delivery schedule, delay construction from FY 22 to FY 23.	St.Hwy.Tr.Fd.	Right-of-Way	\$750,000	2026
				St.Hwy.Tr.Fd.	Utilities	\$250,000	2026
				St.Hwy.Tr.Fd.	Construction	\$2,200,000	2028
				St.Hwy.Tr.Fd.	Construction	\$2,200,000	2029
U-5964	Statesville Davie Avenue and Sullivan Road. Convert 5-approach intersection to a single lane roundabout	Urban Highway	Project to utilize federal funds.	BGANY	Right-of-Way	\$2,750,000	2024
				BGANY	Utilities	\$700,000	2024
				BGANY	Right-of-Way	\$5,500,000	2025
				BGANY	Right-of-Way	\$2,750,000	2026
				BGANY	Construction	\$227,000	2026
				BGANY	Construction	\$2,439,000	2027
U-6105	Cornelius Bailey Rd Extension (Poole Place Dr - US 21)	Urban Highway	To allow additional time for preliminary engineering, delay right-of-way from FY 22 to FY 23.	BGANY	Right-of-Way	\$756,000	2023
				BGDA	Right-of-Way	\$276,000	2023
				Local Match	Right-of-Way	\$1,032,000	2023
U-6247	Wesley Chapel NC 84 and Potter Rd Intersection Improvements	Urban Highway	To allow additional time for preliminary engineering, delay right-of-way from FY 23 to FY 24.	BGDA	Right-of-Way	\$189,000	2023
				Local Match	Right-of-Way	\$81,000	2023



CRTPO 2020 - 2029 TIP Amendments

January 2023 TCC & Board Meetings

Table 3: Amend Projects in TIP (continued)

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
W-5212JB	Iredell County Perth Rd - Install signal and turn lanes at Cornelius Rd and Perth Rd intersection	Highway Safety Project	To reflect latest delivery schedule, delay construction from FY 22 to FY 23.	BGANY	Construction	\$4,000	2023
				State Match	Construction	\$1,000	2023
				BGANY	Construction	\$356,000	2024
				State Match	Construction	\$89,000	2024