

TO: TCC Members  
 FROM: Jennifer Stafford, RLA  
 Project Development Planner  
 DATE: May 17, 2023

**SUBJECT: Consent Agenda Item: 2020-2029 TIP Amendments**

**ACTION REQUESTED:**

Approve 20 amendments to the 2020-2029 Transportation Improvement Program (TIP).

**BACKGROUND:**

- The TCC unanimously recommended that the Board approve this item during the May 4 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 February 8, March 2, and April 6 the NCDOT Board of Transportation approved the STIP Amendments.
- The TIP Amendments were initiated by the NCDOT’s schedule and funding source changes.
- The three tables below describe the breakdown of the 20 TIP Amendments requested:
  - Table 1 categorizes the project types included in the requested TIP amendments.
  - Table 2 depicts deleting projects from the CRTPO’s TIP
  - Table 3 depicts the proposed changes to existing projects within the CRTPO’s TIP

TABLE 1: TIP Amendments Project Categories			
Highway Projects		Non-Highway Projects	
• Bridge	1	• Rail	1
• Highway safety	5		
• Interstate	3		
• Regional highway	1		
• Urban highway	9		

**FUNDING LEGEND:**

- BA - Bonus Allocation
- BFP – Bridge Fund Program
- BGANY - Surface Transportation Block Grant Program (Any Area)
- BGDA - Surface Transportation Block Grant Program (Direct Attributable)
- CMAQ – Congestion Mitigation Air Quality
- HSIP – Highway Safety Improvement Program
- L – Local
- NHFP – National Highway Freight Program
- NHP - National Highway Performance Program
- O - Other
- St.Hwy.Tr.Fd. - State Highway Trust Funds
- SM – State Match
- T/DA – BGDA funds swapped to St. Hwy. Trust Funds



# CRTPO 2020-2029 TIP Amendments

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**Table 2: Delete Projects in the TIP**

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
P-5702	Charlotte Norfolk Southern Main Line - Transfer Facility	Freight Rail Project	Remove project at the request of NCDOT's Rail Division.	Other	Construction	\$488,000	2021
				St.Hwy.Tr.Fd.	Construction	\$488,000	2021
HS-2010I	Union County Providence Rd and Bonds Grove Church Rd Intersection Improvements	Highway Safety Project	Delete project at the request of NCDOT. Work to be accomplished under U-5769AA.	HSIP	Right-of-Way	\$120,000	2024
				HSIP	Utilities	\$120,000	2024
				HSIP	Construction	\$495,000	2025
				HSIP	Construction	\$364,000	2026

**Table 3: Amend Projects in the TIP**

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
B-5990	Charlotte SR 1138 Westbound - Replace Bridge over Sugar Creek	Bridge Project	To allow additional time for planning and design, delay right- of-way from FY 23 to FY 24 and construction from FY 25 to FY 27.	BFP	Right-of-Way	\$174,000	2024
				BFP	Utilities	\$174,000	2024
				BFP	Construction	\$2,023,000	2026
				BFP	Construction	\$1,104,000	2027
I-6065	Cornelius, Davidson, Huntersville I-77 Peak Period Shoulder Lanes (I-485 - NC 150)	Interstate Project	To allow additional time for preliminary engineering, delay right-of-way from FY 23 to FY 24	BGDA	Right-of-Way	\$80,000	2024
				State Match	Right-of-Way	\$20,000	2024
I-6052	Charlotte I-277 - Bridge Rehabilitation (at I-77 - )	Interstate Project	Cost increase exceeding \$2 million and 25% thresholds.	BGDA	Construction	\$2,390,000	2023
				NHFP	Construction	\$4,084,000	2023
				State Match	Construction	\$597,000	2023
				BGDA	Construction	\$2,610,000	2024
				NHFP	Construction	\$4,466,000	2024
State Match	Construction	\$653,000	2024				



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Table 3: Amend Projects in the TIP - Continued

TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
I-5715	Huntersville I-77 - NC 73 Interchange Improvements	Interstate Project	Cost increase exceeding \$2 million and 25% thresholds.	NHP	Right-of-Way	\$1,164,000	2023
				NHP	Utilities	\$1,500,000	2023
				NHP	Right-of-Way	\$7,019,000	2024
				NHP	Utilities	\$1,500,000	2024
				NHP	Right-of-Way	\$7,019,000	2025
				NHP	Right-of-Way	\$1,899,000	2026
				NHP	Construction	\$618,000	2026
				NHP	Right-of-Way	\$1,899,000	2027
				NHP	Construction	\$28,124,000	2027
				NHP	Construction	\$22,985,000	2028
				NHP	Construction	\$10,073,000	2029
R-2632AB	Davidson, Huntersville NC 73 Widening (NC 115 - Davidson-Concord Rd)	Rural Highway	Cost increase exceeding \$2 million and 25% thresholds.	NHP	Right-of-Way	\$184,000	2023
				NHP	Utilities	\$2,550,000	2023
				NHP	Right-of-Way	\$2,213,000	2024
				NHP	Utilities	\$2,550,000	2024
				NHP	Right-of-Way	\$2,213,000	2025
				NHP	Right-of-Way	\$2,030,000	2026
				BGDA	Construction	\$73,000	2026
				NHP	Construction	\$493,000	2026
				NHP	Right-of-Way	\$1,660,000	2027
				BGDA	Construction	\$3,047,000	2027
				NHP	Construction	\$20,655,000	2027
				State Match	Construction	\$18,000	2027
				BGDA	Construction	\$2,464,000	2028
				NHP	Construction	\$16,708,000	2028
				State Match	Construction	\$616,000	2028
				State Match	Construction	\$762,000	2028
				BGDA	Construction	\$1,376,000	2029
NHP	Construction	\$9,331,000	2029				
State Match	Construction	\$344,000	2029				
BGDA	Construction	\$313,000	Futr				
NHP	Construction	\$2,122,000	Futr				
State Match	Construction	\$78,000	Futr				



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TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
U-5808	Indian Trail Chestnut Lane Connector - Intersection Improvements (Matthews Indian Trail Rd - Gribble Rd)	Urban Highway	To allow additional time for utility relocation, delay construction from FY 23 to FY 24.	St.Hwy.Tr.Fd.	Utilities	\$1,200,000	2023
				St.Hwy.Tr.Fd.	Construction	\$135,000	2024
				St.Hwy.Tr.Fd.	Construction	\$6,152,000	2025
				St.Hwy.Tr.Fd.	Construction	\$5,176,000	2026
				St.Hwy.Tr.Fd.	Construction	\$2,038,000	2027
U-4913B	Matthews, Indian Trail Idlewild - Widening (Steven Mill Rd - I-485)	Urban Highway	Segment U-4913 into B at the request of NCDOT.	St.Hwy.Tr.Fd.	Right-of-Way	\$14,886,000	Future
				St.Hwy.Tr.Fd.	Construction	\$21,500,000	Future
				St.Hwy.Tr.Fd.	Utilities	\$636,000	Future
U-6246	Monroe NC 84 and Rocky River Rd Intersection Improvements	Urban Highway	To allow for additional time for planning and design, delay right- of-way from FY 23 to FY 24.	BGDA	Right-of-Way	\$280,000	2024
				State Match	Right-of-Way	\$70,000	2024
				BGDA	Construction	\$1,365,000	2025
				Local Match	Construction	\$100,000	2025
				State Match	Construction	\$615,000	2026
U-6092	Davidson Concord Rd & Robert Walker Dr Roundabout Conversion	Urban Highway	To allow additional time for right- of-way acquisition, delay construction from FY 23 to FY 24.	BGDA	Right-of-Way	\$515,000	2023
				Local Match	Right-of-Way	\$130,000	2023
				BGDA	Construction	\$1,011,000	2024
				Local Match	Construction	\$494,000	2024
U-6087	Wesley Chapel Potter Rd & Wesley Chapel Rd Roundabout Conversion	Urban Highway	To allow additional time for planning and design, delay construction from FY 23 to FY 24.	BGDA	Construction	\$262,000	2024
				CMAQ	Construction	\$1,006,000	2024
				Local Match	Construction	\$319,000	2024
				State Match	Construction	\$293,000	2024
U-5906	Cornelius Catawba Av & Torrance Chapel Rd Intersection Improvements	Urban Highway	To allow additional time for planning and design, delay construction from FY 23 to FY 24.	T/DA	Construction	\$577,000	2024
				T/DA	Construction	\$1,994,000	2025
				T/DA	Construction	\$1,009,000	2026
				T/DA	Construction	\$161,000	2027



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TIP/STIP No.	Jurisdiction/Project Name/Limit	Category	Amendment Description	Funding Type	Current Phase	Funding Amt	FY
U-5873	Cornelius NC 115 & Potts St - Intersection Improvements	Urban Highway	To allow additional time for planning and design, delay construction from FY 23 to FY 24.	CMAQ	Construction	\$377,000	2024
				State Match	Construction	\$94,000	2024
				CMAQ	Construction	\$2,061,000	2025
				State Match	Construction	\$515,000	2025
				CMAQ	Construction	\$295,000	2026
				State Match	Construction	\$74,000	2026
U-5108	Cornelius, Huntersville Northcross Drive Extension (NC 73 - Westmoreland Rd)	Urban Highway	To allow additional time for utility relocation, delay construction from FY 23 to FY 24.	BGANY	Construction	\$1,163,000	2024
				Local Match	Construction	\$176,000	2024
				State Match	Construction	\$41,000	2024
				BGANY	Construction	\$7,578,000	2025
				Local Match	Construction	\$1,144,000	2025
				State Match	Construction	\$268,000	2025
				BGANY	Construction	\$3,959,000	2026
				Local Match	Construction	\$598,000	2026
				State Match	Construction	\$140,000	2026
				BGANY	Construction	\$703,000	2027
				Local Match	Construction	\$106,000	2027
State Match	Construction	\$24,000	2027				
U-6248	Waxhaw NC 75 and Old Providence Rd Intersection Improvements	Urban Highway	To allow additional time for planning and design, delay right- of-way from FY 23 to FY 24.	Local Match	Right-of-Way	\$320,000	2024
				T/DA	Right-of-Way	\$1,278,000	2024
				Local Match	Construction	\$428,000	2025
				T/DA	Construction	\$1,713,000	2025
				Local Match	Construction	\$281,000	2026
				T/DA	Construction	\$1,121,000	2026
W-5710AN	Monroe Old Charlotte Hwy and Williams Rd in Monroe - Intersection Improvements	Highway Safety Project	Add project break at the request of NCDOT's Transportation Mobility and Safety Division.	HSIP	Construction	\$570,000	2024



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W-5710AD	Monroe Landsford Rd and Pageland Marshville Rd - Install an all-way stop	Highway Safety Project	Add project break at the request of NCDOT's Transportation Mobility and Safety Division.	HSIP	Construction	\$30,000	2024
W-5710AH	Waxhaw Lancaster Hwy and Potter Rd - Construct Roundabout	Highway Safety Project	Add project break at the request of NCDOT's Transportation Mobility and Safety Division.	HSIP	Construction	\$2,200,000	2024
HS-2010L	Charlotte Billy Graham Parkway - Install Guardrails (Tryon Rd - I-85)	Statewide	Add project break at the request of NCDOT's Transportation Mobility and Safety Division.	HSIP	Construction	\$960,000	2023