



Western Piedmont Council of Governments

Greater Hickory Metropolitan Planning Organization

Technical Coordinating Committee (TCC)

Wednesday, December 15, 2021, 1:00 PM

WPCOG Offices—1880 2nd Ave NW

wpcog.org/metropolitan-planning-org

Agenda Item	Presenter	Attachment	Action
Call to Order / Introductions	Randy Williams		
Minutes of November 17, 2021 Meeting	Randy Williams	Attachment I	Approve Minutes
2022 Meeting Calendar	Brian Horton	Attachment II	Approve Calendar
2024-2033 STIP Development Methodology	Brian Horton	Attachment III	Information Item
NCDOT Updates			
Division 11	Sean Sizemore		
Division 12	Anil Panicker		
Division 13	Hannah Cook		
Transportation Planning Division	Pam Cook		
Public Comment / Announcements	Randy Williams		
Adjournment			
Next Meeting: January 19, 2022	Randy Williams		



**GREATER HICKORY
METROPOLITAN PLANNING ORGANIZATION (MPO)**
1880 2nd Avenue NW, PO Box 9026
Hickory, NC 28603



MINUTES
GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION (GHMPO)
METROPOLITAN TECHNICAL COORDINATING COMMITTEE (TCC)
Wednesday, November 17, 2021 @ 1:00 PM
In-person meeting and via Zoom

Present			Absent		
First Name	Last Name	Representing	First Name	Last Name	Representing
Blake	Wright	Town of Maiden	Caroline	Kone	City of Hickory
Chase	Winebarger	Town of Sawmills	Chuck	Mullis	Town of Long View
Erik	Schlichting	City of Conover	David	Moose	Alexander County
Greg	Wilson	Town of Granite Falls	Leah	Martin	City of Claremont
Jacky	Eubanks	Catawba County	Logan	Shook	Town of Hildebran
Jeff	Blalock	WPRTA	Phillip	Lookadoo	City of Morganton
Jenny	Wheelock	City of Lenoir	Randy	Feierabend	Town of Cahah's Mountain
John	Marshall	City of Hickory (1 of 2)	Rick	Justice	Town of Rhodhiss
Jon	Greer	Town of Hudson			
Pam	Cook	NCDOT-TPD			
Randy	Williams	City of Newton			
Shane	Prisby	Burke County			
Shelley	Stevens	Caldwell County			
Sherri	Bradshaw	Town of Drexel			
Steve	Miller	City of Hickory (2 of 2)			
WPCOG & FHWA Staff & Guests			NCDOT Staff		
Averi Ritchie - WPCOG			Sean Sizemore - Div. 11		
Brian Horton - WPCOG			Anil Panicker - Div. 12		
Duncan Cavanaugh - WPCOG			Dean Ledbetter - Div. 12		
Emma Stogner - WPCOG			Chris Guffey - Div. 13		
Loretta Barren - FHWA			Dustin Riddle - Div. 13		
			Stephen Sparks - Div. 13		
Dave Gildersleeve - J. M. Teague			Marshall Williams - Div. 13		
Ed Evans - Mattern & Craig			Pam Cook - TPD		
Kim Angel - WPRTA (alternate)			David Wasserman - STIP		

Call to Order and Introductions – TCC Chair Randy Williams called the meeting to order and welcomed all present at 1:05 PM. Introductions were made around the room, followed by those participating remotely, which included TCC members Blake Wright, Greg Wilson, Jenny Wheelock, John Marshall, Sherri Bradshaw, and Steve Miller. The TCC unanimously consented to the remote participation of the aforementioned members.

Action Items:

- I. **Approval of Minutes** – Chair Williams asked members if they had a chance to review the minutes. Upon a motion from Mr. Prisby and a second by Mr. Eubanks, the TCC unanimously approved the minutes from their October 27, 2021, meeting.
- II. **Transportation Improvement Plan (TIP) Revision for Approval** – Mr. Horton presented the staff recommendation to approve the TIP Revision in Attachment II. Mr. Horton noted no comments had been received, since the TIP Revision was released for public comment on October 27, 2021. Upon a motion from Mr. Prisby and a second by Mr. Eubanks, the TCC unanimously recommended Item II to TAC for approval.

- III. Revised Safety Targets for 2022** – Mr. Horton presented the recommended safety targets in Attachment III. Upon a motion from Mr. Prisby and a second by Mr. Eubanks, the TCC unanimously recommended Item III to TAC for approval.
- IV. Re-Scoping Concepts for Area Projects** – Mr. Horton shared the latest cost estimates for committed projects in the current (2020-2029) STIP. The latest cost estimates exceed available funding by \$11 billion. Mr. Horton then presented high-level conceptual design changes to projects that may potentially reduce costs. Examples included replacing outer 4-lane sections with 3-lane sections and phasing segments of projects. Chair Williams confirmed that projects mapped green were safe but could be delayed, while projects mapped yellow were at risk for not making into the next (2024-2033) STIP. Mr. Eubanks commented how ROW acquisition was a huge cost and suggested revisiting some super-street recommendations to save on cost. Mr. Sparks commented how crash types drove design decisions. Mr. Eubanks asked if NCDOT could re-evaluate multiple options in a given time period. Mr. Horton replied that local government input would help narrow options to be explored. Mr. Wilson confirmed that the Dudley Shoals Rd on-ramp to 321 may be a lower priority, given committed Pinewood Rd intersection improvements. No action was required for this information item.

NCDOT Update –

- **Division 11** – Mr. Sizemore shared a projects update.
- **Division 12** – Mr. Panicker presented a projects update.
- **Division 13** – Mr. Guffey presented an update, including the final overlay for Exit 112.
- **NCDOT-TPD** – Ms. Pam Cook shared her update via the TPD Newsletter.

Public comments or announcements: None.

Adjournment – Chair Williams adjourned the meeting at 1:55 PM. The next meeting is scheduled for December 15, 2021, at 1:00 pm

Respectfully Submitted,

Randy Williams, MPO/TCC Chair

Brian Horton, TCC Secretary

TCC Technical Coordinating Committee 2022 Calendar (Local Government Staff)	
Day	Date at 1:00 PM
<u>2nd</u> Wed	January 19
4th Wed	February 23
4th Wed	March 23
4th Wed	April 27
4th Wed	May 25
4th Wed	June 22
4th Wed	July 27
4th Wed	August 24
4th Wed	September 28
4th Wed	October 26
<u>3rd</u> Wed	November 16
<u>2nd</u> Wed	December 14

TAC Transportation Advisory Committee 2022 Calendar (Elected Officials)	
Day	Date at 2:30 PM
<u>2nd</u> Wed	January 19
4th Wed	February 23
4th Wed	March 23
4th Wed	April 27
4th Wed	May 25
4th Wed	June 22
4th Wed	July 27
4th Wed	August 24
4th Wed	September 28
4th Wed	October 26
<u>3rd</u> Wed	November 16
<u>2nd</u> Wed	December 14



Western Piedmont
Council of Governments

Creative Regional Solutions Since 1968

Status Update on New STIP Methodology

Transportation Advisory Committee
December 15, 2021

Development of New STIP



Process for 2024-2033 STIP Development

Step 1 – Remove all Non-Committed projects from STIP

- These projects become P7 Carryovers

Step 2 – Held Harmless projects remain in STIP

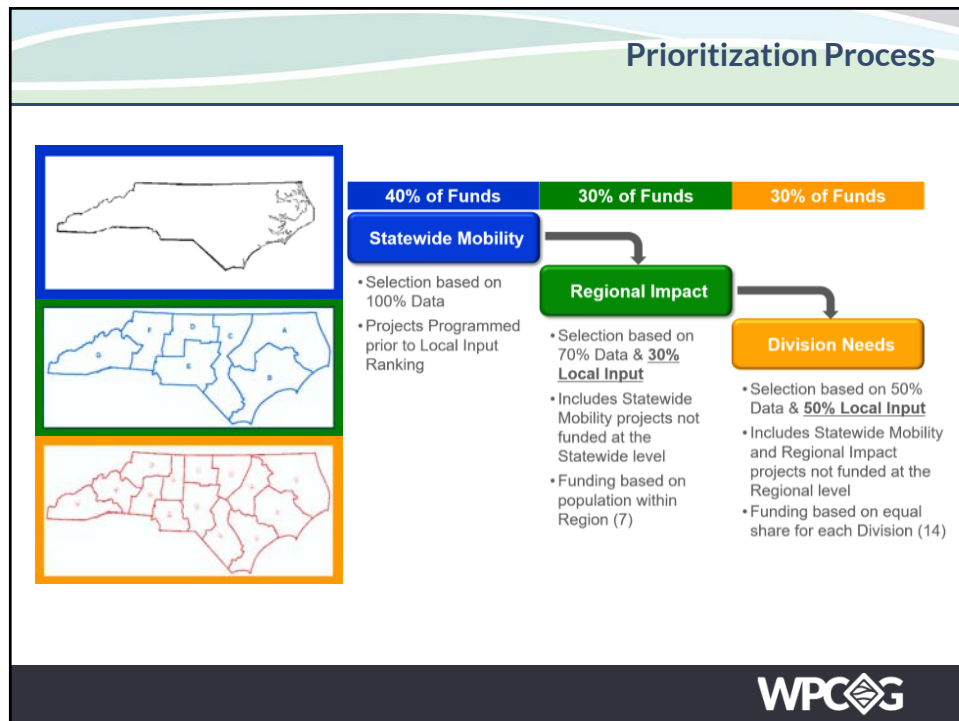
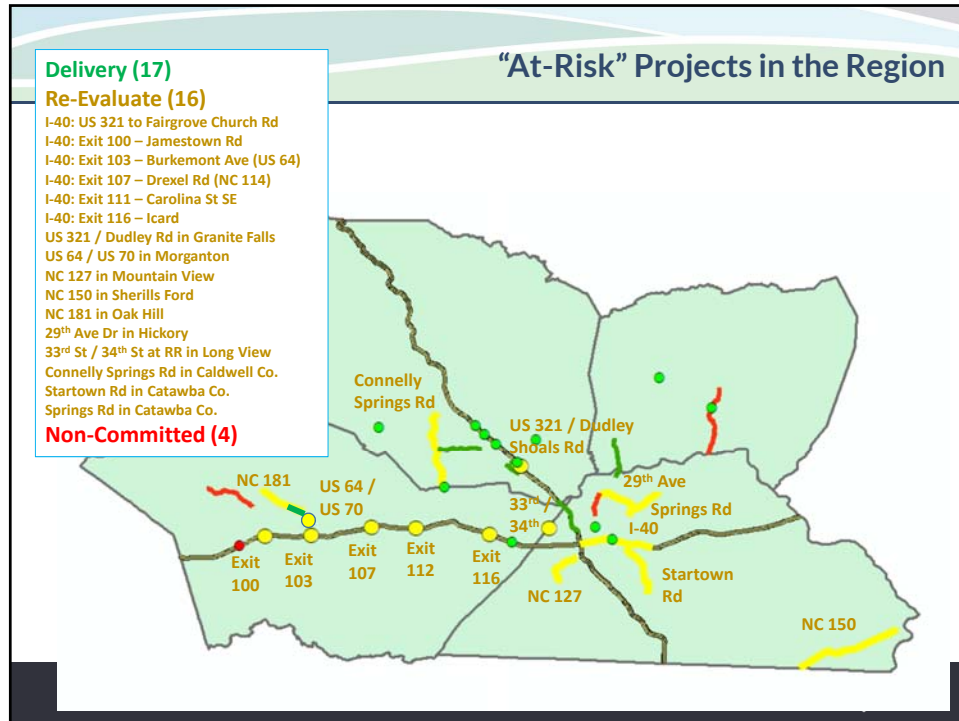
- Committed for delivery

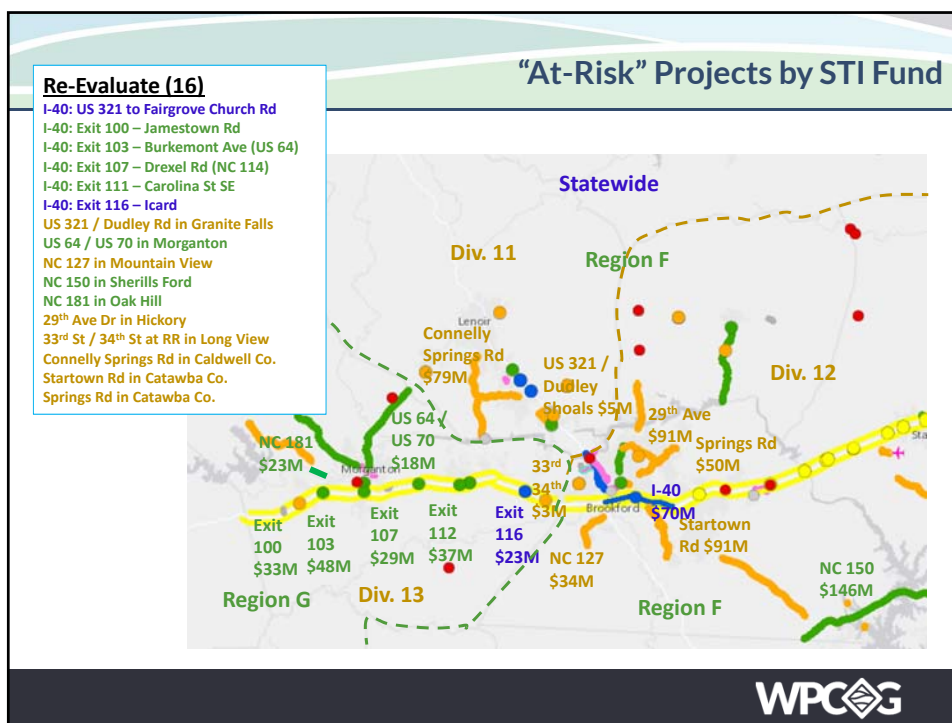
Step 3 – Determine which of the remaining 2020-2029 Committed projects remain in the STIP

- Projects will remain funded in STIP as budget allows per category
- Previously committed projects that don't remain funded in the STIP become P7 Carryover projects and lose committed status

GHMPO Maps = **Red** – Step 1, **Green** – Step 2, **Yellow** – Step 3







Project Costs Exceeding STIP Budget

P6.0 Funding Availability – Committed Projects Only

Statewide Mobility		Regional Impact		Division Needs	
Available Funding	Programming Status	Region	Available Funding	Programming Status	Division
\$8.7B	\$4.70B Over	A (D1 & D4)	\$542.0M	\$325.8M Over	1
		B (D2 & D3)	\$787.1M	\$525.9M Over	2
		C (D5 & D6)	\$1.44B	\$627.6M Over	3
		D (D7 & D9)	\$1.08B	\$635.9M Over	4
		E (D8 & D10)	\$1.35B	\$1.05B Over	5
		F (D11 & D12)	\$721.7M	\$578.5M Over	6
		G (D13 & D14)	\$560.8M	\$1.07B Over	7
		REG Total: \$4.81B			8
					9
					10
					11
					12
					13
					14
					DIV Total: \$2.18B

Available funding based on 2024-2033 timeframe

As of October 19, 2021. Available Funding reflects accounting for 3% inflation. Programming Status Amounts are compared to 100% of budget.

WPCOG

Delivery Projects ("Held Harmless" Scenario)

Workgroup Discussions – Delivery Project Set

	LET FY26 or Before	Grants Awarded	Full ROW Authorization	ROW Schedule FY24	ROW Schedule FY25	ROW Schedule FY26
Scenario-1						
★ Scenario-2	★	★	★			
Scenario-3						
Scenario-4						
Scenario-5						

- Initial project set used to develop 2024-2033 STIP
- Proper pipeline of construction ready projects
- Lesson learned from start of STI: 2 years of Transition Projects was not long enough and led to significant cash balance
- Creating Industry consistency and meeting public expectations



Remaining Funding for Re-Evaluated Projects

Delivery Project Scenario 2

(as of 10/19/2021, project totals include those Let pre-2024)

	# Projects Included in 24-33 STIP	% Budget Remaining	Budget Remaining for 24-33 STIP	# Projects Subject to Step-3 Evaluation	Step-3 Evaluation Projects Cost
Statewide	67	19%	\$1.56B	67 (2)	\$7.4B (\$93M)
Reg-A (D1 & D4)	12	54%	\$272M	15	\$720M
Reg-B (D2 & D3)	21	21%	\$154M	19	\$996M
Reg-C (D5 & D6)	32	41%	\$668M	23	\$1.5B
Reg-D (D7 & D9)	23	41%	\$442M	20	\$1.2B
Reg-E (D8 & D10)	38	30%	\$507M	21	\$1.8B
Reg-F (D11 & D12)	27	26%	\$218M	11 (1)	\$875M (\$146M)
Reg-G (D13 & D14)	8	9%	\$48M	23 (6)	\$986M (\$188M)
Division 1	21	8%	\$47M	6	\$234M
Division 2	8	40%	\$215M	16	\$491M
Division 3	17	39%	\$227M	5	\$258M
Division 4	16	42%	\$173M	6	\$84M
Division 5	21	24%	\$102M	14	\$392M
Division 6	16	30%	\$149M	7	\$231M
Division 7	51	20%	\$102M	10	\$127M
Division 8	50	35%	\$207M	10	\$399M
Division 9	31	28%	\$153M	9	\$258M
Division 10	24	11%	\$53M	10	\$214M
Division 11	23	17%	\$98M	6 (2)	\$235M (\$84M)
Division 12	29	8%	\$44M	9 (5)	\$417M (\$269M)
Division 13	20	31%	\$164M	9 (0)	\$538M
Division 14	17	17%	\$88M	12	\$282M
TOTALS	572			328	



“Oldest Committed” & “Highest Scoring” Approach

Applying P3-P4-P5 Evaluation Method

Two approaches:

- A. Traditional programming approach (3-4-5)
- B. Un-fund projects until STI bucket reaches target (5-4-3)

Target is to program 100% of 10 Year budget (+/-2%) → applies to either approach

P-3.0 (4)

I-40: Exit 100 – Jamestown Rd - \$33M
 I-40: Exit 103 – Burkemont Ave - \$48M
 I-40: Exit 107 – Drexel Rd - \$29M
 NC 181 in Oak Hill - \$23M

P-4.0 (7)

I-40: Exit 112 – Carolina St SE - \$3M
 I-40: Exit 116 – Icard - \$23M
 NC 127 in Mountain View - \$34M
 NC 181 in Oak Hill - \$23M
 29th Ave Dr NE - \$91M
 33rd St / 34th St at RR - \$3M
 Connelly Springs Rd - \$79M

P-5.0 (6)

I-40: US 321 to Fairgrove Ch Rd - \$70M
 US 321 / Dudley Shoals Rd - \$5M
 US 64 / US 70 in Morganton - \$18M
 NC 150 in Sherills Ford - \$146M
 Startown Rd - \$91M
 Springs Rd NE - \$50M

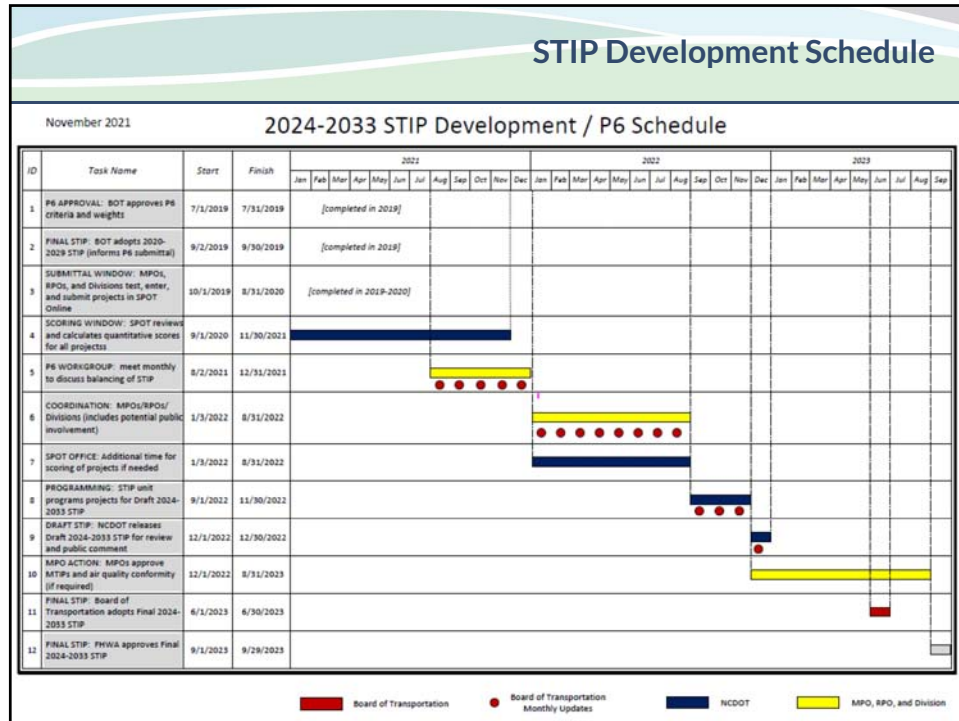


Next Steps

Status of the Three Main Decisions for Developing 2024-2033 STIP		Workgroup Consensus	BOT Consensus
<div style="border: 2px solid orange; padding: 5px; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">1</div> <div style="margin: 5px 0;">↓</div> <div style="border: 2px solid orange; padding: 5px; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">2</div> <div style="margin: 5px 0;">↓</div> <div style="border: 2px solid orange; padding: 5px; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">3</div>	Decision Point One: Overall Method <ul style="list-style-type: none"> Consensus recommendations to date: Traditional STIP Development Method <div style="text-align: center;"> </div>		
	Decision Point Two: Scenario Method for Selecting Delivery Projects <ul style="list-style-type: none"> Delivery Project set determined using Scenario-2 approach Anything let in FY 2026 or before, has grants awarded, or ROW underway 		 12/8/21
	Decision Point Three: Committed Project Evaluation Method		

Share resulting recommendations at future MPO meetings





Greater Hickory MPO
Transportation Update
Winter 21/22

Division 11 Projects Under Development – Caldwell Co.						
<u>TIP</u>	<u>ROUTE</u>	<u>DESCRIPTION</u>	<u>ROW YEAR</u>	<u>CONST YEAR</u>	<u>PROJECT COST</u>	<u>Status</u>
R-5775	US 321	INTERSECTION OF US 321 AND SR 1109 (PINWOODS ROAD EXTENSION) IN GRANITE FALLS. CONSTRUCT INTERSECTION IMPROVEMENTS	complete	2022	\$1,400,000	100 % Plans
U-4700CA	US 321	SR 1160 (MOUNT HERMAN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN. - WITHIN THE LIMITS OF U-4700 C.	2020	2023	\$2,170,000	75% Plans
U-4700CB	US 321	AT SR 1809/1952 (PINE MOUNTAIN ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN.	2020	2023	\$2,700,000	75% Plans
U-4700CC	US 321	AT SR 1108 (MISSION ROAD). UPGRADE INTERSECTION TO SUPERSTREET DESIGN	2020	2023	\$2,750,000	75% Plans
U-6033	US 64/NC18	UPGRADE INTERSECTION AT CALICO ROAD.	2020	2022	\$450,000	75% Plans Public Meeting
U-6034	US 321 ALT	DUKE STREET TO PINWOODS ROAD	2024	2026	\$1,850,000	25% Plans
U-6035	SR 1002 (DUDLEY SHOALS ROAD)	CONSTRUCT ROUNDABOUT AT GRACE CHAPEL/CAMPGROUND/PEACH ORCHARD ROAD)	2019	2022	\$1,030,000	90% Plans
U-6036	SR 1109 (PINWOODS RD)	US 321 TO BERT HUFFMAN ROAD. UPGRADE ROADWAY.	2019	2023	\$6,350,000	75% Plans Public Meeting
U-6157	SR 1130 (CAJAH MOUNTAIN ROAD)	SR 1001 (CONNELLY SPRINGS ROAD) TO US 321A MODERNIZE ROADWAY	2023	2025	\$5,000,000	Public Meeting 8/2022
U-6161	US 321	SR 1002 (DUDLEY SHOALS ROAD) GRADE SEPARATION. CONSTRUCT RAMP ONTO US 321 SOUTHBOUND.	2026	2028	\$10,000,000	Paused
R-3430B	SR 1001 (CONNELLY SPRINGS RD)	Modernize Roadway to Include Bicycle and Pedestrian accommodations	2022	2024	\$80,000,000	Preliminary

Greater Hickory MPO
Transportation Update
Winter 21/22

Division 11 Projects Under Construction								
<u>Contract Number</u>	<u>County</u>	<u>TIP#</u>	<u>Route</u>	<u>Location Description</u>	<u>Contract Amount</u>	<u>Contractor</u>	<u>Construction Progress %</u>	<u>Completion Date</u>
DK00262	CALDWELL		VARIOUS	VARIOUS PRIMARY AND SECONDARY ROUTES	\$3,786,739.83	MAYMEAD	70 %	10/21
DK00270	CALDWELL		VARIOUS	Resurfacing, Milling, Shoulder Reconstruction, and Pavement Markings	\$2,656,338.84.	MAYMEAD	51%	10/22
DK00289	CALDWELL		VARIOUS	VARIOUS SECONDARY ROUTES THROUGHOUT DIVISION 11	\$2,335,432.94	MAYMEAD	18 %	10/22
DK00293	CALDWELL		VARIOUS	RESURFACING, LEVELING, MILLING, SHOULDER RECONSTRUCTION, AND PAVEMENT MARKINGS	\$4,123,494.60	Carl Rose & Sons, Inc	36%	12/22
DK00295	CALDWELL		VARIOUS	ASPHALT SURFACE TREATMENT (AST)	\$1,451,217.80	MAYMEAD	0%	12/22
DK00304	CALDWELL		VARIOUS	Resurfacing, Milling, Shoulder Reconstruction, and Pavement Markings	\$4,314,992.67	MAYMEAD	0%	10/22

Resurfacing and AST

<https://connect.ncdot.gov/resources/Asset-Management/HMIP-Plans/Pages/HMIP.aspx>

December 2021 Progress Report for Division 12 Projects in GHMPO

Active Construction Projects

Contract/ TIP #	County	Route	Project Description	Status	% Complete
R-5870/ DL00202	Alexander	Industrial Access Road	Construct access road into Alexander Industrial Park from White Plains Road to W.E. Baab Road (0.492 miles). Project funded with Appalachian Regional Commission funds awarded through EDC grant application.	Underway.	48.7%
DL00220	Alexander	SR 1348 (Old NC 90) over Duck Creek	Bridge Replacement.	Underway.	65.4%
DL00229	Alexander	SR 1456 (Cheatham Ford Rd) over South Yadkin River	Bridge Replacement.	Complete.	100.0%
DL00223	Alexander and Iredell	Various Secondary Roads	Asphalt Surface Treatment, 58.27 miles.	Complete.	100.0%
R-3100 A & B/ C203800	Catawba	NC 16	Widen from 2 to 4 lanes A section from SR 1859 (Tower Road) to SR 1814 (Caldwell Rd) B section from SR 1814 (Caldwell Rd) SR 1801 (Claremont Road). Completion date December 2022.	Underway. Trying to complete A section and focus on B section. A section's traffic switched on 10/21/2021. Traffic switched to outside lanes so work on the inside can be completed. Project is in Phase III.	82.0%
C204403	Catawba	Various	Paving - one section of NC 127, one section of NC 10, three sections of NC 16 Bus and 26 sections of secondary roads. Total length 40.289 miles.	Underway.	41.7%
DL00209	Catawba	US 70 at SR 1476 (Fairgrove Church Rd)	Remove the slip lane and install a right turn lane with signal upgrades to improve the safety of the intersection.	Energize and testing new signals underway. Paving new turn lane.	20.8%
DL00227	Catawba and Lincoln	Various Secondary Roads	Resurfacing for 23.73 miles.	Underway.	52.5%

Active Projects Under Development

Contract/ TIP #	County	Route	Project Description	Status	% Complete
U-4700 A	Catawba	US 321	Widen to six lanes from north of US 70 in Hickory to US 321A. Length 3.2 miles.	Right-of-Way acquisition underway. Work on multiple disciplines also underway. Construction let currently scheduled for August of 2025.	NA
U-5777	Catawba	NC 127	Add turn lanes from 1 st Ave SE to 2 nd Ave SE.	Preliminary Engineering resumed in March of 2021. Working to resolve utility design issues before Right of Way acquisition can begin.	NA
DF 15712.2018804	Catawba	Mitchell Drive	Culvert Replacement.	Waiting for Duke energy to clear their utility easement before NCDOT can let the project. Expected to be done in December.	NA
W-5712T	Catawba	US 321 Bus/ NC 10	Pedestrian Improvements.	Construction let scheduled for January 2022.	NA
W-5712K	Catawba	I-40 at Fair Grove Church Road	Ramp modifications.	Construction let scheduled for January 2022.	NA
R-5762	Alexander	SR 1609 County Home Road	Construct Intersection Improvements. Realign to a T intersection by moving intersection to the South.	Construction let scheduled for February 2022.	NA

Division 13 Project Development Update, December 2021 (as of : 11/29/2021)

Project ID	County	Description	R/W Acq. Begins	Let Date	Project Manager Name
I-5009	BURKE	I-40 AND US 64 (BURKEMONT ROAD)	2/9/2029	Post 2029	MICHAEL G. CLARK
I-5971	BURKE	I-40 FROM SR 1761 (OLD HIGHWAY NC10)-EXIT 116 UPGRADE INTERCHANGE AND REMOVE TWO-WAY TAFFIC	9/28/2029	Post 2029	MARSHALL R. WILLIAMS
I-5975	BURKE	I-40 AT EXIT 112 AND SR 1744(MINERAL SPRINGS MOUNTAIN ROAD)/ SR 1744 (ELDRED STREET SE)	9/27/2029	Post 2029	EDDIE DOUGLAS
I-6058	BURKE	I-40 AT SR 1744 (CAUSBY ROAD)	1/1/2029	Post 2029	BRENDAN MERITHEW
U-5978	BURKE	NC 181 FROM SR 1440 TO SR 1419. WIDEN TO 3 LANES.	6/15/2029	Post 2029	MARSHALL R. WILLIAMS
U-6123	BURKE	US 64 (BURKEMONT AVENUE) BURKE COUNTY AT US 70 (W. FLEMING DRIVE) INTERSECTION. IMPROVE INTERSECTION.	10/20/2028	Post 2029	MARSHALL R. WILLIAMS
U-6164	BURKE	NC 126 FROM SR 1250 (WATERMILL ROAD) TO SR 1254 (FISH HATCHERY ROAD). MODERNIZE ROADWAY.	1/1/2029	Post 2029	BRENDAN MERITHEW
I-5008	BURKE	I-40 AT SR 1734/SR 1826 (EXIT 111) (COMB W/I-5875)	10/25/2018	9/18/2029	MARSHALL R. WILLIAMS
I-5874	BURKE	I-40 AT SR 1142 (JAMESTOWN ROAD) - EXIT 100 UPGRADE INTERCHANGE	10/22/2018	9/18/2029	MARSHALL R. WILLIAMS
I-5875	BURKE	I-40 AT SR 1712 (DREXEL ROAD). UPGRADE INTERCHANGE. (COMB W/I-5008)	10/22/2018	9/18/2029	MARSHALL R. WILLIAMS
U-5836	BURKE	NC 181 FROM SR 1414 (ST. MARY'S CHURCH ROAD) TO MORGANTON ETJ WIDEN EXISTING ROADWAY	10/12/2018	6/19/2029	BRENDAN MERITHEW
I-5891B	BURKE	I-40 FROM MILE MARKER 105 TO MILE MARKER 112 PAVEMENT REHABILITATION AND BRIDGE REHABILITATION		3/18/2025	MCCRAY H. COATES
EB-5978	BURKE	COLLEGE STREET MULTIMODAL CONNECTOR TRAIL FROM NORTH GREEN STREET TO US 70 IN MORGANTON	3/29/2022	9/19/2024	MCCRAY H. COATES
I-5990	BURKE	I-40 AT EXIT 118 - SR 1761 (OLD NC 10). CONSTRUCT INTERCHANGE IMPROVEMENTS.	9/15/2023	9/17/2024	EDDIE DOUGLAS
R-5793HB	BURKE	ADA RAMPS >5000; CURB RAMP UPGRADE; CONSTRUCT ADA COMPLIANTRAMPS AT VARIOUS LOCATIONS (AMERICANS WITH DISABILITIES ACT)		11/23/2022	MCCRAY H. COATES
BL-0001	BURKE	MAIN AVENUE EAST CONSTRUCT PEDESTRIAN IMPROVEMENTS FROM 2NDSTREET SE TO US 70.	5/31/2022	10/31/2022	MCCRAY H. COATES
HA-0001	BURKE	NEW ROUTE, CONSTRUCT ACCESS ROAD INTO BURKE COUNTY INDUSTRIAL PARK.		5/18/2022	EDDIE DOUGLAS
B-5869	BURKE	REPLACE BRIDGE 99 OVER NORFOLK SOUTHERN RAILROAD ON US 64 /US 70 IN MORGANTON	5/13/2021	5/17/2022	KEVIN FISCHER
W-5813B	BURKE	VARIOUS SECONDARY ROUTES IN BURKE, MITCHELL, RUTHERFORD ANDYANCEY COUNTIES		2/16/2022	MCCRAY H. COATES
R-5967	BURKE	SR 1687 (GOAT FARM ROAD) IMPROVE EXISTING SR 1687 (GOAT FARM ROAD) ACCESS ROAD INTO THE PROPOSED INDUSTRIAL PARK.		1/19/2022	EDDIE DOUGLAS
B-6011	BURKE	BRIDGE 145 OVER BRISTOL CREEK ON SR 1430 (COMB W/B-6014, B-6013 & B-6016).	12/21/2021	12/21/2021	DAVID STARK

Division 13 Construction Updates, December 2021

Contract Number	County	Route	Location Description	Length	NCDOT Contact	NCDOT Contact No	Letting Date	Completion Date	Revised Completion Date	Completion Percent
C204072	Burke	I-40	BRIDGES #149 & #150 OVER SR-1744 ON I-40.	0.568 miles	Travis Henley	(828) 803-6120	6/19/2018	3/30/2021	8/23/2021	96.31%
C204084	Burke	NC-126, SR-69SECT, US-70	2 SECTIONS OF NC-126, 1 SECTION OF US-70, AND 69 SECTIONS OF SECONDARY ROADS.	56.07 miles	Travis J. Henley	(828) 652-7848	9/19/2017	6/1/2019	11/1/2021	88.66%
C204187	Burke	NC-114, NC-126, SR-Multi, US-64, US-70, US-70Bus	1 SECTION OF US-64, 2 SECTIONS OF US-70, 1 SECTION OF NC-126, 1 SECTION OF NC-114, AND 60 SECTIONS OF SECONDARY ROADS.	69.36 miles	Travis J. Henley	(828) 652-7848	6/19/2018	10/19/2019	11/1/2021	93.98%
C204222	Burke, McDowell, Rutherford	SR-1115, SR-1178, SR-1194, SR-1560, SR-1793	1 BRIDGE IN BURKE COUNTY, 1 BRIDGE IN MCDOWELL COUNTY, AND 3 BRIDGES IN RUTHERFORD COUNTY.	0.378 miles	Travis J. Henley	(828) 652-7848	10/2/2018	12/1/2020	12/17/2020	78.10%
C204289	Burke	NC-114, NC-181, SR-62sect, US-64	4 SECTIONS OF US-64, 1 SECTION OF NC-114, 2 SECTIONS OF NC-181, AND 62 SECTIONS OF SECONDARY ROADS.	67.831 miles	Travis J. Henley	(828) 652-7848	1/15/2019	10/1/2020	12/15/2021	93.17%
C204407	Buncombe, Burke	SR-1296, SR-1913	BRIDGE 237 OVER ROCK CREEK ON SR-1913 AND BRIDGE 536 OVER NEWFOUND CREEK ON SR-1296.	0.076 miles	Travis J. Henley	(828) 652-7848	5/18/2021	6/1/2023		17.48%
DM00347	Burke	-	VARIOUS SECTIONS OF US-70	-	Travis J. Henley	(828) 652-7848	10/6/2021	9/21/2023		0.00%
DM00348	Burke	-	VARIOUS SECONDARY ROUTES	-	Travis J. Henley	(828) 652-7848	10/6/2021	9/15/2023		0.00%

NCDOT TPD NEWS



NCDOT TPD GHMPO Newsletter

December 2021

Traffic Forecasts (TF)

Project Level Traffic Forecasting is an essential part of the planning process. The traffic forecast informs the design of STIP projects.

Project	Firm	Due
BR-0151: Replace bridge on Henry River Rd over I-40	NCDOT	January 7, 2022

NCDOT Yearly Litter Collection

The NCDOT crews, contractors and volunteers have collected more than 12 million pounds of litter from roadsides, further solidifying this year as a record-setting one. NCDOT's litter management programs are multifaceted. The department makes use of state-owned forces and contract services statewide. NCDOT's [Sponsor-A-Highway Program](#) allows businesses, organizations and individuals to sponsor litter removal along roadsides. NCDOT is also proud to partner with the more than 120,000 participants in the [Adopt-A-Highway Program](#), where volunteers pledge to clean a section of our highways at least four times a year.

If you spot someone littering from their vehicle, report them with NCDOT's Swat-A-Litterbug app by downloading the app at ncdot.gov/litter.

Travel Delay on I-40 in Mountains

In case you plan to travel west this winter, there are potential delays on I-40 in the Pigeon River Gorge due to the replacement of a bridge on I-40 over Harmon Den Road and Cold Springs Creek. Delays are expected in both directions for the next six months. NCDOT and the Tennessee Department of Transportation recommend that drivers plan ahead, prepare for delays and consider an alternate route through Kingsport, Tenn. Drivers should visit www.DriveNC.gov for real-time traffic information.



"Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina...."

- NCDOT Mission Statement

FHWA News

The FHWA invites comment on the development of guidance for two new electric vehicle charging station programs included in the recently enacted Bipartisan Infrastructure Law. It established the National Electric Vehicle Formula Program to strategically deploy an interconnected network of EV charging stations along highway corridors, by providing states with formula funding. The Charging and Fueling Infrastructure discretionary grant program will make competitive grants available to improve public accessibility to electrical vehicle charging and hydrogen, propane and natural gas fueling stations, along designated alternative fuel corridors or other community locations accessible to drivers. The request for information, published in the Federal Register, is available here: [Federal Register: Development of Guidance for Electric Vehicle Charging Infrastructure Deployment](https://www.federalregister.gov/documents/2021/11/29/2021-25868/development-of-guidance-for-electric-vehicle-charging-infrastructure-deployment)

(<https://www.federalregister.gov/documents/2021/11/29/2021-25868/development-of-guidance-for-electric-vehicle-charging-infrastructure-deployment>)

FHWA Innovation of the Month Project

Unexpected slowdowns on roadways with truck traffic pose a danger for all road users. The NCDOT designated approximately 460 rural miles of I-95 and I-40 in a unique project that leverages real time, crowdsourced traffic data from INRIX to identify speed differentials. Once identified, information is shared via Drivewyze to truck drivers operating in a defined area near the slowdown event. The Drivewyze warning system enables truck drivers using the service to prepare appropriately when entering potentially harmful traffic conditions, particularly the formation of dangerous queues related to non-recurring events like roadway incidents, work zones, and adverse weather. During September 2021, more than 2,500 alerts were received by Drivewyze users on NC interstates, via their in-cab notification device. The NCDOT is encouraged by the effectiveness of the alerts and the potential to improve safety where dangerous slowdowns occur.

Contact Us

Pam R. Cook, PE

NCDOT TPD

1 S. Wilmington Street
Raleigh, NC
(919) 707-0975
(919) 880-4992
prcook@ncdot.gov

Visit us on the web
www.ncdot.gov

Upcoming	Date
Draft UPWP for FY23 due	January 28, 2022
2nd Quarter 5303 Claim (Cot. 1-Dec. 31, 2021) due	January 28, 2022
2nd Quarter invoice and work summary due	February 11 2022
Last day to submit adopted FY23 UPWP with resolution, 5-yr planning calendar, and MPO self-certification of long-range planning	March 15 2022

NCDOT Statewide Plans:

To learn more, click on the following links:

- [NC Moves 2050 Plan](#) (or go to ncdot.gov/ncmoves)
- [NCDOT Strategic Transportation Corridors](#) (or go to ncdot.gov and search: Strategic Transportation Corridors)
- [NCDOT Comprehensive State Rail Plan \(25-Year Vision\)](#) (or go to ncdot.gov and search: rail plan)
- [NC Statewide Multimodal Freight Plan \(2015-2040\)](#) (or go to ncdot.gov and search: public transportation plan)
- [Great Trails State Plan](#) (or go to ncdot.gov and search: Great Trails)
- [Connecting North Carolinians to Opportunities \(Public Transportation strategic Plan—2018\)](#) (or go to ncdot.gov and search: public transportation plan)
- [NCDOT Resilience Strategy Report \(2021\)](#) (or go to ncdot.gov and search: resilience strategy report)
- [Statewide Pedestrian & Bicycle Plan \(2013\)](#) (or go to ncdot.gov/biceped/walkbikenc)

Other Plans:

- [N.C. Climate Risk Assessment and Resilience Plan by Department of Environmental Quality](#) (or search: 2020-Climate-Risk-Assessment-and-Resilience-Plan.pdf)
- [NC FIRST Commission](#) (or go to ncdot.gov and search: First Commission)

Helpful Links:

Click on links below to learn more:

- NCDOT home page—ncdot.gov
- Real-Time Traffic—DriveNC.gov | [North Carolina Traffic & Travel Information](#)
- Report a pothole—[NCDOT Contact Us Form](#)
- NCDOT: State Transportation Improvement Program - ncdot.gov/sti
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>—
- Links to all traffic count data information - [Traffic Survey Group \(ncdot.gov\)](#)
- NCDOT Interactive Traffic Volume Map—[Traffic Volume Maps \(ncdot.gov\)](#) —**The Greater Hickory MPO urban area is counted during odd years.**
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)