



# Western Piedmont Council of Governments

Greater Hickory Metropolitan Planning Organization

## Technical Coordinating Committee (TCC)

Wednesday, January 22 2020, 1:00 PM

Western Piedmont COG Offices

1880 2nd Ave NW Long View NC

Agenda Item	Presenter	Attachment	Action
Call to Order / Introductions	John Marshall		
Minutes of November 20, 2019, Joint Meeting	John Marshall	<a href="#">Attachment I</a>	Approval
Transportation Improvement Program (FYs 2020-29) Modifications for Board of Transportation	Brian Horton	<a href="#">Attachment II</a>	Recommend to TAC
Transportation Improvement Program (FYs 2020-29) Amendments for Public Transportation	Brian Horton Camille Sterling	<a href="#">Attachment III</a>	Release for Public Comment
Regional Bicycle Plan Amendment	Brian Horton	<a href="#">Attachment IV</a>	Release for Public Comment
Draft Unified Planning Work Program (UPWP)	Brian Horton	<a href="#">Attachment V</a>	Release for Public Comment
UPWP Local Match / Transportation Assessments	Brian Horton	<a href="#">Attachment VI</a>	Recommend to TAC
Safety Performance Measures	Brian Horton	<a href="#">Attachment VII</a>	Recommend to TAC
NCDOT Updates			
Board of Transportation	John Pope		
Division 11	Mike Pettyjohn		
Division 12	Mark Stafford		
Division 13	Mark Gibbs		
Transportation Planning Division	Pam Cook		
Public Comment / Announcements	John Marshall		
Adjournment			
Next Meeting: February 26, 2020	John Marshall		



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



**MINUTES**  
**GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION (GHMPO)**  
**METROPOLITAN TRANSPORTATION ADVISORY COMMITTEE (TAC)**  
**GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION (GHMPO)**  
**METROPOLITAN TECHNICAL COORDINATING COMMITTEE (TCC)**

Wednesday, November 20, 2019 2:00 PM– 2:56 PM

WESTERN PIEDMONT COG OFFICES  
1880 2<sup>ND</sup> AVENUE NW, HICKORY NC

Present			Absent			
	First					
Last Name		Representing - MTAC	Last Name	First Name	Representing - MTAC	Status*
Cato	Wendy	Morganton	Annas	Wayne	Rutherford College	
Thomas	Crissy	Lenoir	Branch	Jeff	Caldwell County	
Weaver	James	Brookford	Elliott	Ed	Taylorsville	
Beatty	Barbara	Catawba County	Eubanks	Jackie	Catawba County	
Guess	Hank	City of Hickory	Marcus	Midgett	Maiden	
Eckard	Bruce	Conover	Midgett	Marcus	Maiden	
Taylor	Maynard	Burke County	Robinson	Donald	Catawba (Town)	
Sterling	Camille	WPRTA	Stevenson	Susan	Valdese	
Wright	Blake	Town of Maiden	Turner	Carroll	Connelly Springs	
Greer	Jon	Hudson	VanHorn	Thurman	Long View	
Miller	Steve	City of Hickory	Weaver	James	Brookford	
Hodge	Jerry	Newton	York	Jody	Hildebran	
Kirby	Joe	Rhodhiss	Yount	Terry	Drexel	
Morrow	Les	Claremont	Zagaroli	David	Hickory	
Timberlake	Chris	Catawba County	VACANT		Cajah's Mountain	Inactive
Townsend	Martin	Town of Granite Falls	VACANT		Cedar Rock	Inactive
Yoder	Larry	Alexander County	VACANT		Gamewell	Inactive
			VACANT		Glen Alpine	Inactive
			VACANT		Sawmills	Inactive
PRESENT MTCC			ABSENT MTCC			
John Marshall- City of Hickory			Christopher Todd – Town of Sawmills			
Chuck Mullis – Town of Long View			George Robinson – Village of Cedar Rock			
Greg Wilson- Town of Granite Falls			Bryan Steen - Burke County			
Randy Williams – City of Newton			Mary Carter – Town of Gamewell			
Phillip Lookadoo – City of Morganton			Kenneth B. Geathers, Jr. – Town of Rutherford College			
Blake Wright – Town of Maiden			Rebecca Bentley – Town of Hudson			
Greg Wilson – Town of Granite Falls			Scott Carpenter – Burke County			
Donald Duncan – City of Conover			Mick Berry – Catawba County			
Jacky Eubanks – Catawba County			Seth Eckard – Town of Valdese			
Leah Martin- City of Claremont			Sherri Bradshaw – Town of Drexel			
Stan Kiser – Caldwell County			Todd Clark – City of Newton			
David Moose – Alexander County			Jon Pilkenton – Alexander County			
Shane Prisby- Burke County			Randy Feierabend – Town of Cajah's Mountain			
Jenny Wheelock – City of Lenoir			Jeff Blalock - WPRTA			
Shelley Stevens- Caldwell County			Jerry Church- Town of Granite Falls			
WPCOG, NCDOT & FHWA Staff			Alan Glines – City of Conover			
Alison Adams- WPCOG			Barbara Harmon- Town of Rhodhiss			
Brian Horton – WPCOG			Rick French – Alexander County			
Averi Ritchie - WPCOG			Donald Duncan – City of Conover			
Duncan Cavanaugh - WPCOG			Jacky Eubanks – Catawba County			
Lori Dixon – WPCOG			VACANT – Town of Glen Alpine			

Dustin Millsaps- WPCOG	VACANT – Town of Hildebran
John Pope – NC Board of Transportation	VACANT – Town of Brookford
Mike Pettyjohn – NCDOT Div. 11	VACANT – Town of Connelly Springs
Dean Ledbetter – NCDOT Div. 12	<b>GUESTS</b>
Anil Panicker- NCDOT Div. 13	David Gildersleeve JM Teague Engineer Planning
Hannah Cook – NCDOT Div. 13	
Stephen Sparks – NCDOT Div. 13	
Pam Cook – NCDOT TPD	
Rob Weisz- NCDOT	
Mark Stafford- NCDOT	

**Call to Order and Introductions** – TAC Chair Bruce Eckard called the meeting to order and welcomed all present at 2:01 PM. Mr. Eckard mentioned the code of Ethics and a reminder to everyone about any conflicts. Mr. Eckard requested that introductions be made by all present. Mr. Eckard thanked everyone for their time and explained the items in the packet.

**Action Items:**

- I. **Approval of Minutes (Attachment I)** – Mr. Eckard asked for a motion to approve the Minutes for the September 25, 2019 Meeting. From the TCC, Mr. Duncan offered a motion, seconded by Mr. Williams. The motion was unanimously approved by the TCC. From the TAC, Mr. Hodge offered a motion, seconded by Ms. Beatty. The motion was unanimously approved by the TAC.
- II. **Transportation Improvement Programs (Attachment II)**- Mr. Horton presented Revisions to the 2018-2027 and the 2020-2029 TIPs. Mr. Horton went into detail regarding this and reminded everyone that NCDOT is here today if there are any concerns. Mr. Williams asked a few questions regarding the project. Mr. Horton said we are seeking approval for project schedule modifications and for project additions. Mr. Eckard asked for a motion to approve the Minutes for the September 25, 2019 Meeting. From the TCC, Mr. Duncan offered a motion, seconded by Mr. Williams. The motion was unanimously approved by the TCC. From the TAC, Mr. Maynard offered a motion, seconded by Mr. Hodge. The motion was unanimously approved by the TAC.
- III. **Federal Certification Review (Attachment III)** - Ms. Barren presented the Federal Certification Review that had been conducted for the MPO. The review was conducted in August 2019. One of the first things she wanted to commend the staff on was a great collaboration to work together. As part of the review, the Federal team found no corrective actions. Commendable items found by the review team included how the staff have visualized performance measures, completed freight planning, and targeted public involvement. Some of the areas that they recommend for improvement included splitting the TAC and TCC. Mr. Eckard asked questions and stated the board would be taking the calendar issue up shortly at this meeting. Ms. Barron will be back in two years to take a look at the recommendations given during the recent review and see where the MPO is, and determine if additional help is needed. No action is required by the board.
- IV. **2020 Meeting Calendar (Attachment IV)** - Mr. Horton introduced the 2020 Meeting calendar. Per the 2019 Federal Certification Review. Mr. Horton shared that we are going to need more discussions in our meetings as there are many Federal Certifications Review Recommendations that need to be addressed. Initial proposal of rotating the meetings would not work from the previous consensus. With the help of Ms. Cook, Mr. Horton presented some other state MPO meeting schedules for consideration and comparison. Heavy discussion was shared and numerous scenarios considered to make it productive for both entities. Ultimately, it was recommended that the TCC meet at 1:00 pm and then the TAC at 3:30. Mr. Eckard asked

for a motion. From the TCC, Mr. Williams offered a motion, seconded by Mr. Berry. The motion was unanimously approved by the TCC. From the TAC, Ms. Cato offered a motion, seconded by Mr. Townsend. The motion was unanimously approved by the TAC.

- V. PL Funding Allocation for FY 2020-2021-** Mr. Horton explained that the MPO could have a 20% cut next year over this current year, as a result of reduced PL funding. This is for information purposes only, but doing so to build understanding that next year's total work program may be adjusted to address a smaller budget. A budget adjustment also becomes an opportunity to update local assessments, which provide local match for the MPO budget. Mr. Dillinger clarified the timing of the new estimates. Mr. Starr clarified the context of the MPO budget within the larger COG budget. Mr. Horton concluded that funding would be further addressed at the January 2020 meeting. Mr. Eckard asked for further questions and thanked Mr. Horton.
- VI. Regional Job Flow Trends-** Mr. Dellinger wanted to share MSA Job Flows and some of the numbers that may or may not surprise members. Mr. Dellinger referred to an application called OntheMap. He shared in detail what the data reflects. Graphs of the percentage of Hickory MSA workers was explained as well as those located outside the region. Comparison was made of the last seven years. Mr. Dellinger then went into great discussion regarding Maps and all of the county to county inflow and outflow. Further discussion was had regarding how this impacts our counties. Mr. Dellinger shared as long as the links and bonds stay the same we will be fine. So much depends on the numbers we get back from the census and how we grow which he reminded everyone of the importance of the Census.
- VII. Funding Source Modifications for Projects I-5915A and C-5196-** Mr. Horton shared that the STIP office reached out to us to explain funding modifications for two area projects. The active interchange project would receive funding, thereby freeing up future funding for LAPP projects. Mr. Marshall stated the City of Hickory supported the NCDOT request. Mr. Eckard asked if there were any questions and gave consent.
- VIII. Prioritization 6.0 Carryover Project list-** Mr. Horton shared we must decide as an organization about our carryover project list for prioritization. Mr. Horton shared a slide listing all carryover projects by county. Mr. Eckard asked if there were any questions and gave consent to submit the project list.
- IX. NCDOT Update -** NCDOT presented the following updates:
- *Board of Transportation* – Mr. Pope gave a brief overall update and asked for questions
  - *Division 11* – Mr. Weisz shared a handout and went over a couple of the projects that should be completed by early spring.
  - *Division 12* – Mr. Stafford shared that as far as construction on Hwy 16 that is still ongoing and in the future they hope to have a handout. He also discussed 321A and gave an update on the process of getting a right a-way. Barbara Beatty asked about traffic flow on Hwy 16 and her concerns on the stoplights and gridlocks. Backed up constantly. Mr. Stafford agreed they will take a look at this.
  - *Division 13* – Ms. Hannah Cook gave updates on Burke County, including I-40 progress and the completion of some of the projects. A handout was provided with detailed updates.
  - *NCDOT-TPD* – Ms. Pam Cook gave an update and asked those present to refer to the newsletter handout for additional information.
- X. Added public comments or announcements:**  
No Public comments.

**Adjournment** – As there was no other business, Mr. Eckard thanked our guests and adjourned the meeting at 3:21 PM. The next meetings will be held in January and a notice will be sent.

Respectfully Submitted,

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Bruce Eckard, MPO/TAC Chairman

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Brian Horton, TAC Secretary



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



**RESOLUTION ADOPTING MODIFICATIONS TO THE  
TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FY 2020-2029**

A motion was made by \_\_\_\_\_ and seconded by \_\_\_\_\_ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

**WHEREAS**, the following modifications have been proposed for FY 2020-2029 Transportation Improvement Program (TIP):

See Attachment from NCDOT dated January 9, 2020

**WHEREAS**, the MPO certifies that these TIP modifications are consistent with the intent of the adopted 2045 Metropolitan Transportation Plan (MTP);

**NOW THEREFORE be it resolved**, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the TIP FYs 2020-2029 be modified as listed above on this, the 22<sup>nd</sup> day of January, 2020.

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Bruce Eckard  
Greater Hickory MPO TAC Chair

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Brian Horton  
Greater Hickory MPO TAC Secretary

## REVISIONS TO THE 2020-2029 STIP HIGHWAY PROGRAM

### GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

#### STIP ADDITIONS

* R-5967 BURKE <b>PROJ.CATEGORY</b> EXEMPT	- GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION	SR 1687 (GOAT FARM ROAD), IMPROVE EXISTING SR 1687 (GOAT FARM ROAD) ACCESS ROAD INTO THE PROPOSED INDUSTRIAL PARK. <b><u>ADD NEW APPALACHIAN REGIONAL COMMISSION PROJECT</u></b>	CONSTRUCTION	FY 2020 -	<u>\$1,500,000</u>	(APD)
					\$1,500,000	

#### STIP MODIFICATIONS

* C-5196 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	- GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION	HICKORY, 16TH STREET (SANDY RIDGE ROAD) AT 21 ST. AVENUE NE IN HICKORY. CONSTRUCT ROUNDAABOUT. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 21 TO FY 22</u></b>	CONSTRUCTION	FY 2022 -	\$2,390,000	(BGDA)
				FY 2022 -	<u>\$598,000</u>	(L)
					\$2,988,000	
EB-5808 BURKE CALDWELL CATAWBA <b>PROJ.CATEGORY</b> DIVISION	- GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION	HICKORY, UPGRADE CURRENT PEDESTRIAN SIGNALS AND INSTALL NEW PEDESTRIAN SIGNALS. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 19 TO FY 20</u></b>	CONSTRUCTION	FY 2020 -	\$322,000	(BGDA)
				FY 2020 -	<u>\$80,000</u>	(L)
					\$402,000	
EB-5828 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	- GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION	CLAREMONT, CENTENNIAL BOULEVARD, NORTH OXFORD STREET TO NORTH LOOKOUT STREET. CONSTRUCT SIDEWALK. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY RIGHT-OF-WAY FROM FY 19 TO FY 20 AND CONSTRUCTION FROM FY 20 TO FY 21</u></b>	RIGHT-OF-WAY	FY 2020 -	\$25,000	(BGDA)
				FY 2020 -	\$6,000	(L)
			CONSTRUCTION	FY 2021 -	\$433,000	(BGDA)
				FY 2021 -	<u>\$108,000</u>	(L)
					\$572,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, January 9, 2020

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM**

GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

EB-5935 CATAWBA <b>PROJ.CATEGORY</b> DIVISION	- GREATER HICKORY METROPOLITAN PLANNING ORGANIZATION	CLAREMONT, CONSTRUCT SIDEWALK ALONG CENTENNIAL BOULEVARD FROM NORTH LOOKOUT STREET TO MAIN STREET - (PHASE II). <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND          DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY 20</b></u>	CONSTRUCTION	FY 2020 - FY 2020 -	\$480,000 (BGDA) <u>\$120,000</u> (L) \$600,000
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\* INDICATES FEDERAL AMENDMENT

Thursday, January 9, 2020



## 2020-2029 TIP Public Transportation Amendments

FUZ = 5307 Grant

FEDP = 5310 Grant

TIP #	Transit Partner	Description	Match	FUND	FY 20 (000)	FY 21 (000)	FY 22 (000)	FY 23 (000)	FY 24 (000)	FY 25 (000)	FY 26 (000)	FY 27 (000)	FY 28 (000)	FY 29 (000)
TA-4929	Western Piedmont Regional Transit Authority	Replacement Van		FUZ	353	371	389	409	429	451	473	497	522	548
			Local	L	88	93	97	102	107	113	118	124	130	137
TA-6708	Western Piedmont Regional Transit Authority	Replacement Bus		FUZ	1440	360								
			Local	L	360	90								
TA-6709	Western Piedmont Regional Transit Authority	Replacement Bus - Light Transit Vehicle		FUZ	470	494	518	544	571	600	630	661	694	729
			Local	L	118	123	130	136	143	150	157	165	174	182
TG-6798	Western Piedmont Regional Transit Authority	Mobility Manager		FUZ	126	129	132	136	139	143	146	150	154	157
			Local	L	32	32	33	34	35	36	37	37	38	39
TG-6799	Western Piedmont Regional Transit Authority	Preventive Maintenance		FUZ	500	525	551	579	608	638	670	704	739	776
			Local	L	125	131	138	145	152	160	168	176	185	194
TG-6800	Western Piedmont Regional Transit Authority	Routine Capital - Bus Stop Shelters, Benches, Shop Equipment, Spare Parts, Engines, Farebox, Service Vehicles, Computer Hardware and Software, AVL Software, etc.		FUZ	200	210	221	232	243	255	268	281	295	310
			Local	L	40	53	55	58	61	64	67	70	74	78
TO-6162	Western Piedmont Regional Transit Authority	Operating Assistance		FUZ	1500	1575	1654	1736	1823	1914	2010	2111	2216	2327
			Local	L	1500	1575	1654	1736	1823	1914	2010	2111	2216	2327
TG -6801	Western Piedmont Regional Transit Authority	Operating Assistance - ADA Paratransit		FUZ	300	315	331	347	365	383	402	422	443	465
			Local	L	75	79	83	87	91	96	101	106	111	116
TS-7002	Western Piedmont Regional Transit Authority	Safety and Security		FUZ	50	53	55	58	61	64	67	70	74	78
			Local	L	12.5	13	14	14	15	16	17	18	18	19
TP-4733B	Western Piedmont Regional Transit Authority	Planning Assistance		FUZ	60	63	66	69	73	77	80	84	89	93
			Local	L	15	16	17	17	18	19	20	21	22	23
TQ-9039	Western Piedmont Regional Transit Authority	Capital Purchase of Service		FEDP	160	168	176	185	194	204	214	225	236	248
			Local	L	50	42	44	46	49	51	54	56	59	62
TL-1000	Western Piedmont Regional Transit Authority	Program Administration		FEDP	40	42	44	46	49	51	54	56	59	62
			Local	L	0	0	0	0	0	0	0	0	0	0
TQ-6507	Western Piedmont Regional Transit Authority	Operating Assistance		FEDP	150	158	165	174	182	191	201	211	222	233
			Local	L	37.5	39	41	43	46	48	50	53	55	58
TQ-9040	Western Piedmont Regional Transit Authority	Mobility Manager		FEDP	40	42	43	44	45	46	48	49	50	51
			Local	L	10	11	11	11	11	12	12	12	12	13
TP-5106	Western Piedmont Council of Governments	Planning Assistance - MPO		FUZ	43	53	53	53	56	56				
			Local	L	6	7	7	7	8	8				
			State	S	5	6	6	6	8	8				

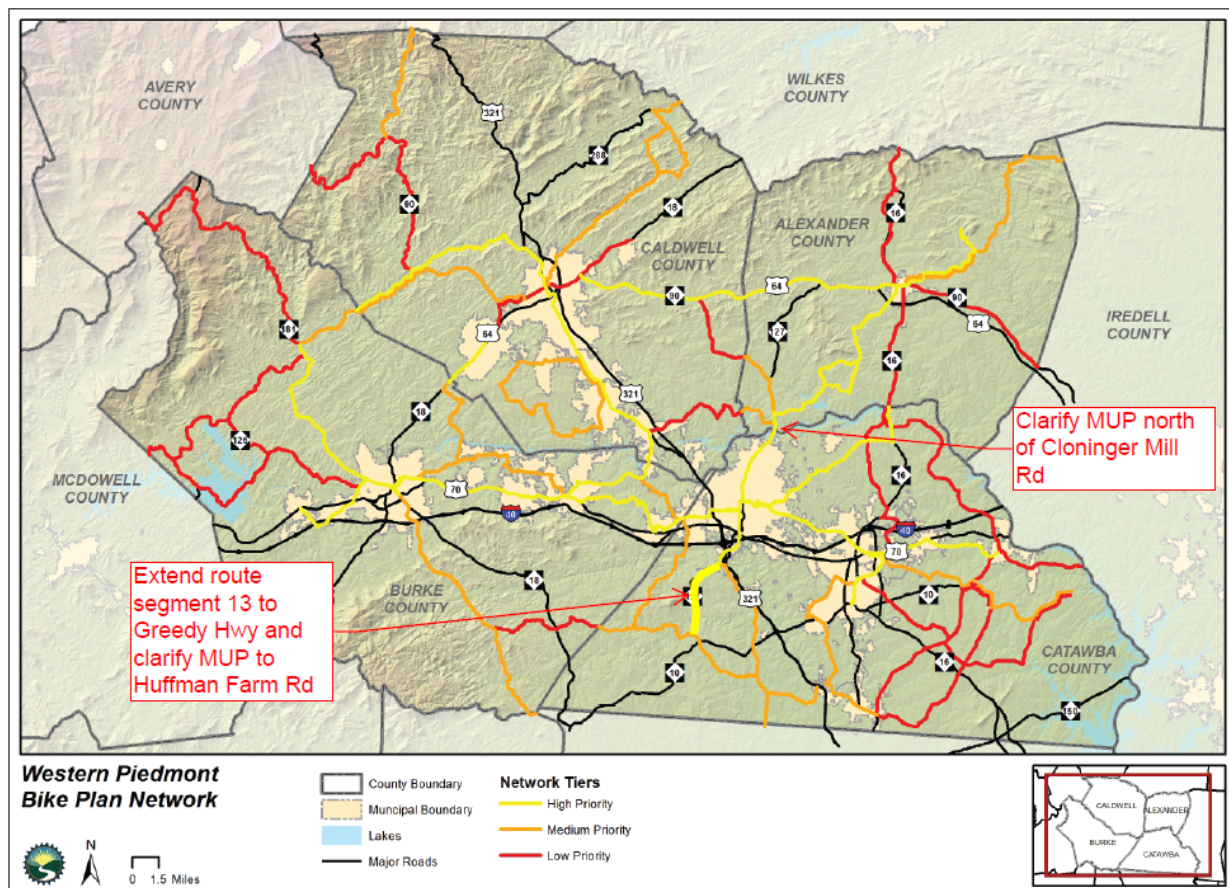
## Bike Plan Amendment Summary

Adopted by county governments across the GHMPO region in 2014, the Western Piedmont Bicycle Plan (WPBP) provides a framework for improving bicycle transportation, serving as a blueprint for developing both regional and local connectivity. The plan has five goals:

- Design our region's communities as places where bicycle use is valued as a significant transportation mode.
- Connect key bike routes to individual communities across the region.
- Encouraging bicycle use for different purposes, ages, and skill levels.
- Bicycling provides and improves the community's physical and mental health.
- Strengthen the economic impact of bicycling.

Since the adoption of the WPBP, multi-use paths have emerged as a more desired facility along suburban, moderate-speed, multi-lane thoroughfares. This proposed amendment will incorporate recommendations from newer community, area, or comprehensive plans by adding multi-use paths as recommended facilities to certain high-priority segments.

Chapter 3 - Priority Segments  
Figure 3-8  
WPBP Network



Chapter 3 - Priority Segments  
Western Piedmont  
Bicycle Plan

## Route Segment 1

### Recommendations

The recommendations for Route Segment 1 consist of 0.9 miles of multi-use path on NC 127, ~~16.36~~ 15.46 miles of 4-foot shoulders on ~~NC 127~~. Rink Dam Rd, Church Rd, Bowmans Cutover Rd, Teague Town Rd, and Liledoun Rd; and 1.1 miles of sharrows on Liledoun Rd.

### Route Segment 1

#### NC 127 from Catawba County Border to Rink Dam Road

- o 2 Lanes/45 mph/24-ft wide, AADT = 14,000
- o Minimal paved shoulders
- o ~~Bridge width is adequate for bicycles~~ Include multi-use path on new funded bridge of NC 127 widening project
- o Include multi-use path along NC 127; Consider widening the shoulders to 4-ft elsewhere along route

## Route Segment 13

### Figure 3-25 (map of Route Segment 13)

#### *Re-do map to extend route south of Zion Church Rd to Greedy Highway*

#### NC 127 from Greedy Highway to Zion Church Road

- o 2 Lanes/45 mph/24-ft wide, AADT = 20,000
- o Minimal paved shoulders
- o Include multi-use path on new funded bridge of NC 127 widening project
- o Include multi-use path along NC 127; Consider widening the shoulders to 4-ft elsewhere along route

### Recommendations

The recommendations for Route Segment 13 consists of 1.9 miles of 4-foot shoulders on NC 127 from Greedy Highway to Huffman Farm Rd, 3.1 miles of multi-use path along NC 127 from Huffman Farm Rd to Zion Church Rd, ~~8.08~~ 7.18 miles sharrows on NC 127 north of Zion Church Rd, 2nd Street NE (NC 127), 8<sup>th</sup> Avenue NE, North Center Street (downtown Hickory), North Center Street (NC 127), and South Center Street; ~~and~~ 1.09 miles of bicycle warning or regulatory signs on Brookford Boulevard (NC 127) and NC 127 south of Cloninger Mill Road, and 0.9 miles of multi-use path along NC 127 north of Cloninger Mill Road to Alexander County.

#### North Center Street (NC 127) from 16<sup>th</sup> Avenue NW to Alexander County Line

- o 4 Lanes/35 mph/64-ft wide to 4 Lanes/45 mph/64-ft wide to 2 Lanes/35 mph/24-ft wide; AADT = 14,000 to 36,000
- o Curb and gutter
- o Turns to 2 lanes south of bridge
- o Mostly Commercial
- o 5th turn lane
- o Consider lowering speed limit to 35 mph
- o Include multi-use path along NC 127 where widened; Consider sharrows elsewhere along route

## Unified Planning Work Program (UPWP) – Draft FY 2020-2021 Plan Summary

For the full draft plan, visit: <http://www.wpcog.org/transportation-documents>

### Purpose

The Unified Planning Work Program (UPWP) outlines transportation planning tasks to be conducted during the fiscal year. The UPWP sets the budget for these items and identifies the funding sources. MPO staff is responsible for ensuring completion of the planning tasks identified in the UPWP.

### Federal Requirements

The FAST Act envisions a transportation system that maximizes mobility and accessibility and protects the human and natural environments. This is achieved through a Continuing, Cooperative, and Comprehensive (3-C) transportation planning process that results in a long-range plan and short-range program of projects. A Metropolitan Planning Organization (MPO) is required to develop a long-range plan and a short-range transportation improvement program that provide for the development and integrated management and operation of transportation systems and facilities that will function as an intermodal transportation system for the planning area and integral part of the state and nation.

### Planning Considerations

Major components that feed into the long range plan (MTP) and short range program (TIP) include:

- Federal Planning Factors
- Performance Targets
- Public Involvement and Title VI
- Transportation Management Area (TMA)
- Environmental Review
- Air Quality Conformity Process

### Key Changes from FY 2019-2020 to FY 2020-2021

Fourteen UPWP tasks are proposed to decrease in response to the PL funding decrease (-54%):

- II-A-1 Networks and Support Systems – previously \$45,000 to now \$35,000 (-22%)
- II-A-2 Travelers and Behavior – \$45,000 to \$35,000 (-22%)
- II-A-3 Transportation Modeling - \$12,000 to \$10,000 (-17%)
- II-B-1 Targeted Planning - \$83,000 to \$60,000 (-28%)
- II-B-3 Special Studies - \$62,000 to \$0 (-100%)
- III-A-1 Planning Work Program - \$14,000 to \$10,000 (-29%)
- III-A-2 Metrics and Performance Measures - \$14,000 to \$12,000 (-14%)
- III-B-3 Merger and Project Development - \$30,000 to \$25,000 (-17%)
- III-C-1 Title VI Compliance - \$15,000 to \$12,000 (-20%)
- III-C-2 Environmental Justice –\$20,000 to \$17,000 (-15%)
- III-C-6 Public Involvement –\$30,000 to \$25,000 (-17%)
- III-D Statewide and Extra-Regional Planning - \$53,000 to \$50,000 (-7%)
- III-E Management Operations Program Support Administration – \$123,750 to \$103,491 (-16%)

FTA CODE	TASK CODE	TASK DESCRIPTION	Total Highway Budget	Section 104(f) PL Funds			NCDOT Planning - SPR			STBG-DA Funds			Total Transit Budget	Transit Planning - 5303				SECTION 5307			
				Local (20%)	Federal 80%	Fund Total	State (20%)	Federal (80%)	Fund Total	Local (20%)	Federal (80%)	Fund Total		Local (10%)	State (10%)	Federal (80%)	Fund Total	Local (10%)	State (10%)	FTA (80%)	5307 Total
	II-A	Data and Planning Support	\$ 80,000	\$ 16,000	\$ 64,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 900	\$ 900	\$ 7,200	\$ 9,000				
44.24.00	II-A-1	Networks and Support Systems	\$ 35,000	\$ 7,000	\$ 28,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 900	\$ 900	\$ 7,200	\$ 9,000				
44.23.01	II-A-2	Travelers and Behavior	\$ 35,000	\$ 7,000	\$ 28,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
44.23.02	II-A-3	Transportation Modeling	\$ 10,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
	II-B	Planning Process	\$ 185,000	\$ 25,000	\$ 100,000	\$ 125,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ 10,000	\$ 40,000	\$ 50,000	\$ 80,000	\$ 3,100	\$ 3,100	\$ 24,800	\$ 31,000	\$ 4,900	\$ 4,900	\$39,200	\$49,000
44.22.00	II-B-1	Targeted Planning	\$ 60,000	\$ 12,000	\$ 48,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 500	\$ 500	\$ 4,000	\$ 5,000				
44.23.01	II-B-2	Regional Planning	\$ 125,000	\$ 13,000	\$ 52,000	\$ 65,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ 10,000	\$ 40,000	\$ 50,000	\$ 75,000	\$ 2,600	\$ 2,600	\$ 20,800	\$ 26,000	\$ 4,900	\$ 4,900	\$39,200	\$49,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
	III-A	Planning Work Program	\$ 22,000	\$ 2,400	\$ 9,600	\$ 12,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 3,000	\$ 300	\$ 300	\$ 2,400	\$ 3,000				
44.21.00	III-A-1	Planning Work Program	\$ 10,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ -	\$ -	\$ -	\$ 3,000	\$ 300	\$ 300	\$ 2,400	\$ 3,000				
44.24.00	III-A-2	Metrics and Performance Measures	\$ 12,000	\$ 1,400	\$ 5,600	\$ 7,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -								
	III-B	Transp. Improvement Plan	\$ 65,000	\$ 5,500	\$ 32,000	\$ 40,000	\$ 3,000	\$ 12,000	\$ 15,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ 5,000	\$ 500	\$ 500	\$ 4,000	\$ 5,000				
44.25.00	III-B-1	Prioritization	\$ 20,000	\$ 2,500	\$ 10,000	\$ 12,500	\$ 1,000	\$ 4,000	\$ 5,000	\$ 500	\$ 2,000	\$ 2,500	\$ -								
44.25.00	III-B-2	Metropolitan TIP	\$ 20,000	\$ 2,500	\$ 10,000	\$ 12,500	\$ 1,000	\$ 4,000	\$ 5,000	\$ 500	\$ 2,000	\$ 2,500	\$ 5,000	\$ 500	\$ 500	\$ 4,000	\$ 5,000				
44.25.00	III-B-3	Merger/Project Development	\$ 25,000	\$ 3,000	\$ 12,000	\$ 15,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ -								
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$ 66,000	\$ 8,200	\$ 32,800	\$ 41,000	\$ 3,000	\$ 12,000	\$ 15,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -				
44.27.00	III-C-1	Title VI Compliance	\$ 12,000	\$ 1,600	\$ 6,400	\$ 8,000	\$ 800	\$ 3,200	\$ 4,000	\$ -	\$ -	\$ -	\$ -								
44.27.00	III-C-2	Environmental Justice	\$ 17,000	\$ 2,600	\$ 10,400	\$ 13,000	\$ 800	\$ 3,200	\$ 4,000	\$ -	\$ -	\$ -	\$ -								
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
44.27.00	III-C-4	Planning for the Elderly	\$ 12,000	\$ 2,400	\$ 9,600	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
44.27.00	III-C-5	Safety/Drug Control Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
44.27.00	III-C-6	Public Involvement	\$ 25,000	\$ 1,600	\$ 6,400	\$ 8,000	\$ 1,400	\$ 5,600	\$ 7,000	\$ 2,000	\$ 8,000	\$ 10,000	\$ -								
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
	III-D	Statewide & Extra-Regional Planning	\$ 50,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ 4,000	\$ 16,000	\$ 20,000	\$ 5,000	\$ 20,000	\$ 25,000	\$ 6,500	\$ 650	\$ 650	\$ 5,200	\$ 6,500				
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 50,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ 4,000	\$ 16,000	\$ 20,000	\$ 5,000	\$ 20,000	\$ 25,000	\$ 6,500	\$ 650	\$ 650	\$ 5,200	\$ 6,500				
	III-E	Management Ops, Prgm Suppt Admin	\$ 103,491	\$ 8,698	\$ 34,793	\$ 43,491	\$ 6,000	\$ 24,000	\$ 30,000	\$ 6,000	\$ 24,000	\$ 30,000	\$ 42,750	\$ 1,275	\$ 1,275	\$ 10,200	\$ 12,750	\$ 3,000	\$ 3,000	\$24,000	\$30,000
44.27.00		Management Op. Program Support Adm	\$ 103,491	\$ 8,698	\$ 34,793	\$ 43,491	\$ 6,000	\$ 24,000	\$ 30,000	\$ 6,000	\$ 24,000	\$ 30,000	\$ 42,750	\$ 1,275	\$ 1,275	\$ 10,200	\$ 12,750	\$ 3,000	\$ 3,000	\$24,000	\$30,000
		TOTALS	\$ 571,491	\$ 69,298	\$ 277,193	\$ 346,491	\$ 20,000	\$ 80,000	\$ 100,000	\$ 25,000	\$ 100,000	\$ 125,000	\$ 146,250	\$ 6,725	\$ 6,725	\$ 53,800	\$ 67,250	\$ 7,900	\$ 7,900	\$63,200	\$79,000

FHWA FUNDS		
	Federal 80%	Local 20%
PL (104)	\$277,193	\$69,298
SPR	\$80,000	\$20,000
STP-DA	\$100,000	\$25,000
TOTALS	\$457,193	\$114,298

FTA FUNDS			
	80%	Local 10%	State 10%
5303	\$53,800	\$6,725	\$6,725
5307	\$63,200	\$6,320	\$6,320
TOTALS	\$117,000	\$13,045	\$13,045

**REQUEST FOR COMMITTEE ACTION  
TECHNICAL COORDINATING COMMITTEE**

**MEETING DATE:** January 22, 2020

**SUBJECT:** FY2020-21 Transportation Assessments for MPO Work Program

**PRESENTER:** Brian Horton

**ATTACHMENTS:** 1. TAC Resolution  
2. NCDOT Letter  
3. Assessments Table

**SUMMARY OF REQUEST:**

WPCOG serves as the lead planning agency for the Greater Hickory MPO. Each year, the WPCOG assesses dues to its local governments. The Policy Board of the WPCOG approves the overall dues, but the Transportation Advisory Committee has purview over the portion used to fulfill the required local match for Federal transportation funding.

Per the attached NCDOT letter, PL funding next year is decreasing by 54%. Somewhat offsetting this cut, \$80,000 in Statewide Planning Research (SPR) funding will be restored next year. Section 5303 funds increased by \$13,250. As a result of these funding changes, next year's federal and state funding for the MPO is expected to be 20% less than the present fiscal year.

Staff proposes only a 5% reduction in transportation assessments. This is intended to avoid significant fluctuations in local government assessments from year to year. It is likely no MPO assessment increases will be required for the next few years with this approach. Reducing the MPO assessments by 5% also maintains comparable levels of transportation planning services to our local governments.

Based on the direction of the TCC and TAC at the previous meeting, staff also proposes to utilize the annually estimated population to apportion the assessments. This is intended to more fairly distribute assessments from year to year, as well as avoid more significant fluctuation following the 2020 Census. The attached table shows a comparison of last year and this year to show how the collective transportation assessments are decreasing for virtually all local governments.

**ACTION REQUESTED:** Staff requests TCC to review and recommend TAC approve the FY2020-21 transportation assessments.

**Suggested Motion:** *I move that the TCC approve the assessments as presented.*





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



**RESOLUTION ADOPTING LOCAL MATCH FOR THE UNIFIED PLANNING WORK  
PROGRAM (UPWP) FY 2020-2021**

A motion was made by \_\_\_\_\_ and seconded by \_\_\_\_\_ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

**WHEREAS**, the NC Department of Transportation has provided direction to all MPOs in the state regarding decreased PL Section 104 funding;

(See attached NCDOT letter dated October 28, 2019)

**WHEREAS**, State Planning Research Funds will be restored next Fiscal Year, in the amount of \$80,000, thereby partially offsetting the \$325,057 decrease in PL Funding;

**WHEREAS**, a 5 % decrease is proposed for the local assessments to maintain existing levels of transportation planning services to our local governments;

(See Attachment FY 2020-2021 Transportation Assessments)

**NOW THEREFORE be it resolved**, by the Greater Hickory MPO Transportation Advisory Committee (TAC) that the MPO dues be amended as hereto attached on this, the 22<sup>nd</sup> day of January, 2020.

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Bruce Eckard  
Greater Hickory MPO TAC Chair

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Brian Horton  
Greater Hickory MPO TAC Secretary



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

October 28, 2019

Mr. Brian Horton  
Western Piedmont Council of Governments  
P.O. Box 9026  
Hickory, North Carolina 28603-9026

Subject: Greater Hickory MPO, FY 2021 PL Work Program Allocation

Dear Mr. Horton:

The FAST Act has provided \$6,085,760 in PL funds for FY 2021 (after accounting for SAP system charges). These funds have been allocated using the current PL fund allocation formula and are available for programming for your FY 2021 PL program that begins July 1, 2020.

For FY21, the MPO will receive a yearly allocation of \$277,193 in Federal PL funds.

80% Federal funds	20% local match	Total work plan Federal PL + local match for PL funds *
\$277,193	\$69,298	\$346,491

(\*Total does not include other sources of Federal, State, or local funding).

If the MPO plans to program any STBG-DA funds for planning, you should coordinate with your appropriate TIP regional contact to have it added to the STIP, add it to your work plan and coordinate with your TPD Coordinator to develop a STBG-DA funding agreement. Please copy myself and Daryl Vreeland ([dvreeland@ncdot.gov](mailto:dvreeland@ncdot.gov)) with this amount.

For auditing purposes, you should include the program name (Metropolitan Planning / PL 104(f) funds) and the CFDA Number (20.205-5) on your Schedule of Expenditures for Federal and State Awards. FY21 WBS and PO numbers will be transmitted in the future.

Your Draft (U)PWP for FY 2021 will be due on January 30, 2020 and your approved PWP should be submitted by March 15, 2020 online in .pdf format and include the cover letter, adoption resolution, summary budget table, and an item by item task description. The MPO is also required to complete an annual certification prior to the Department approving your FY 2021 PL program. The annual certification resolution (as well as the yearend report) should be uploaded as separate .pdf documents. If you have any questions, please do not hesitate to call or email me: (919) 707-0901, [jalavi@ncdot.gov](mailto:jalavi@ncdot.gov).

Your work plan also includes \$80,000 in Federal SPR funds to cover planning activities in the former RPO areas that have been incorporated into the MPO. These funds should be billed separately from your normal PL invoice.

Sincerely,

*Jamal Alavi*

Jamal Alavi, P.E.  
Director, Transportation Planning Division

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION PLANNING DIVISION  
1554 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1554



Telephone: (919) 707-0900  
Fax: (919) 733-9794  
Customer Service: 1-877-368-4968

Website: [www.ncdot.gov](http://www.ncdot.gov)



## WESTERN PIEDMONT COUNCIL OF GOVERNMENTS



## FISCAL YEAR 2020 - 2021 TRANSPORTATION ASSESSMENTS

Creative Regional Solutions Since 1968

Local Government	2019-2020 Transportation Assessments				2020-2021 Proposed Transportation Assessments					Change in Local 2019-2020 to 2020- 2021
	2010 MPO Population **	MPO FHWA	MPO FTA	Total MPO Local	2018 MPO Population **	MPO FHWA	MPO FTA	Non-Match Local Funds	Total Transportation Local	
Alexander County	35,100	\$13,116.18	\$518.58	\$13,634.76	36,172	\$11,129.44	\$654.83	\$1,375.58	\$13,159.85	(\$474.91)
Taylorsville	2,098	\$783.98	\$31.00	\$814.98	2,131	\$655.67	\$38.58	\$81.04	\$775.29	(\$39.69)
Burke County	59,578	\$22,263.12	\$880.23	\$23,143.35	59,928	\$18,438.71	\$1,084.89	\$2,278.99	\$21,802.59	(\$1,340.76)
Connelly Springs	1,669	\$623.67	\$24.66	\$648.33	1,679	\$516.60	\$30.40	\$63.85	\$610.85	(\$37.48)
Drexel	1,858	\$694.30	\$27.45	\$721.75	1,830	\$563.06	\$33.13	\$69.59	\$665.78	(\$55.97)
Glen Alpine	1,517	\$566.87	\$22.41	\$589.28	1,569	\$482.75	\$28.40	\$59.67	\$570.82	(\$18.46)
Hildebran	2,023	\$755.95	\$29.89	\$785.84	2,004	\$616.59	\$36.28	\$76.21	\$729.08	(\$56.76)
Morganton	16,918	\$6,321.92	\$249.95	\$6,571.87	16,921	\$5,206.27	\$306.32	\$643.48	\$6,156.07	(\$415.80)
Rutherford College	1,341	\$501.11	\$19.81	\$520.92	1,401	\$431.06	\$25.36	\$53.28	\$509.70	(\$11.22)
Valdese	4,490	\$1,677.82	\$66.34	\$1,744.16	4,503	\$1,385.49	\$81.52	\$171.24	\$1,638.25	(\$105.91)
Caldwell County	43,501	\$16,255.46	\$642.70	\$16,898.16	44,252	\$13,615.51	\$801.10	\$1,682.85	\$16,099.46	(\$798.70)
Cajah's Mountain	2,823	\$1,054.90	\$41.71	\$1,096.61	2,735	\$841.51	\$49.51	\$104.01	\$995.03	(\$101.58)
Cedar Rock	300	\$112.10	\$4.43	\$116.53	292	\$89.84	\$5.29	\$11.10	\$106.23	(\$10.30)
Gamewell	4,051	\$1,513.78	\$59.85	\$1,573.63	4,050	\$1,246.11	\$73.32	\$154.02	\$1,473.45	(\$100.18)
Granite Falls	4,722	\$1,764.52	\$69.77	\$1,834.29	4,651	\$1,431.02	\$84.20	\$176.87	\$1,692.09	(\$142.20)
Hudson	3,776	\$1,411.02	\$55.79	\$1,466.81	3,970	\$1,221.49	\$71.87	\$150.97	\$1,444.33	(\$22.48)
Lenoir	18,228	\$6,811.44	\$269.31	\$7,080.75	17,749	\$5,461.03	\$321.31	\$674.97	\$6,457.31	(\$623.44)
Rhodhiss	1,070	\$399.84	\$15.81	\$415.65	1,103	\$339.37	\$19.97	\$41.95	\$401.29	(\$14.36)
Sawmills	5,240	\$1,958.08	\$77.42	\$2,035.50	5,215	\$1,604.56	\$94.41	\$198.32	\$1,897.29	(\$138.21)
Catawba County	83,535	\$31,215.38	\$1,234.18	\$32,449.56	86,191	\$26,519.34	\$1,560.33	\$3,277.74	\$31,357.41	(\$1,092.15)
Brookford	382	\$142.75	\$5.64	\$148.39	375	\$115.38	\$6.79	\$14.26	\$136.43	(\$11.96)
Catawba	603	\$225.33	\$8.91	\$234.24	607	\$186.76	\$10.99	\$23.08	\$220.83	(\$13.41)
Claremont	1,352	\$505.22	\$19.98	\$525.20	1,477	\$454.45	\$26.74	\$56.17	\$537.36	\$12.16
Conover	8,165	\$3,051.10	\$120.63	\$3,171.73	8,457	\$2,602.06	\$153.10	\$321.61	\$3,076.77	(\$94.96)
Hickory	40,010	\$14,950.95	\$591.12	\$15,542.07	40,932	\$12,594.00	\$741.00	\$1,556.59	\$14,891.59	(\$650.48)
Long View	4,871	\$1,820.20	\$71.97	\$1,892.17	4,868	\$1,497.79	\$88.13	\$185.12	\$1,771.04	(\$121.13)
Maiden	3,308	\$1,236.13	\$48.87	\$1,285.00	3,410	\$1,049.19	\$61.73	\$129.68	\$1,240.60	(\$44.40)
Newton	12,968	\$4,845.88	\$191.59	\$5,037.47	13,010	\$4,002.93	\$235.52	\$494.75	\$4,733.20	(\$304.27)
TOTALS	365,497	\$136,579.00	\$5,400.00	\$141,979.00	371,482	\$114,298.00	\$6,725.02	\$14,126.99	\$135,149.99	(\$6,829.01)

\*\* Dues for the MPO are based on population figures from the NC Office of State Planning for 2018.

TRANSPORTATION  
ASSESSMENT TOTAL

\$263,470.99



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



**RESOLUTION ENDORSING SAFETY PERFORMANCE MEASURES  
ESTABLISHED BY THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**

A motion was made by \_\_\_\_\_ and seconded by \_\_\_\_\_ for the adoption of the following resolution, and upon being put to a vote was duly adopted on the **22<sup>nd</sup> of January, 2020**.

**WHEREAS**, the Greater Hickory Metropolitan Planning Organization has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and;

**WHEREAS**, the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures annually, by August 31, and;

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries, and;

**WHEREAS**, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group and;

**WHEREAS**, the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31, of each year and;

**WHEREAS**, the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

**NOW THEREFORE, BE IT RESOLVED**, that the Greater Hickory MPO agrees to plan and program projects that contribute toward the accomplishment of the State's targets as *noted below for each of the aforementioned performance measures*:

1. For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 6.23 percent each year from 1,396.4 (2014-2018 average) to 1,227.8 (2016-2020 average) by December 31, 2020.
2. For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 5.39 percent each year from 1.211 (2014-2018 average) to 1.084 (2016-2020 average) by December 31, 2020.

3. For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 8.54 percent each year from 3,362.6 (2014-2018 average) to 2,812.8 (2016-2020 average) by December 31, 2020.
4. For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 7.64 percent each year from 2.886 (2014-2018 average) to 2.462 (2016-2020 average) by December 31, 2020.
5. For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 7.13 percent each year from 494.6 (2014-2018 average) to 426.6 (2016-2020 average) by December 31, 2020.

**NOW THEREFORE, BE IT FURTHER RESOLVED**, that by approval of this resolution, an amendment is hereby made to the 2045 Metropolitan Transportation Plan adopted on July 25, 2018, by the Greater Hickory MPO.

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Bruce Eckard  
Greater Hickory MPO TAC Chair

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Brian Horton  
Greater Hickory MPO TAC Secretary