



THE
HUNTSVILLE-AREA
MPO
ANNUAL REVIEW
2020





HUNTSVILLE

Department of Urban Development

Dennis Madsen, AICP
Manager of
Urban & Long Range Planning

November 4, 2020

Mr. Bradley Lindsey, P.E.
Metropolitan Planning Section
Alabama Department of Transportation
1409 Coliseum Boulevard
Montgomery, AL 36110

RE: HUNTSVILLE-AREA MPO FY2020 ANNUAL REPORT

This report is prepared to address the end of the year reporting as requested by Alabama Department of Transportation (ALDOT). As reflected in fiscal year 2020 Unified Planning Work Program (UPWP), the Huntsville Area Metropolitan Planning Organization (MPO) had a total budget of \$986,266; with \$726,266 (80%) being federal planning funds. The City of Huntsville Planning Department is responsible for providing 20% of the federal funding match, which was \$228,234. According to the FY2020 UPWP, \$279,313 carryover funds were included in this budget and were applied to tasks 1.1, 3.1, 3.5, and 4.1.

Huntsville-Area MPO expended a total of \$550,726.83. Huntsville-Area MPO consumed a total of \$440,581.46 in federal dollars, while \$110,145.37 was utilized in local match funding. Huntsville-Area MPO funded about \$30,000 each reporting period, which is equivalent to funds expended in all task areas across the board. COVID-19 pandemic relaxed some expenses during the months of March – June 2020. In the following pages, please review accomplishments of the MPO and the break down by costs per task.

If you should have any questions, please feel free to call 256-427-5117.

Sincerely,

Dennis Madsen

Manager of Urban and Long-Range Planning

The Star of Alabama

Table of Contents

Map of Huntsville-Area MPO Study Boundary.....	4
Administration	5
Data Collection	7
Transportation Systems	8
Public Involvement	11
Environmental Mitigation and Air Quality Planning.....	12
Planning Studies	13
Summary of Expenditures	14

About

The *Huntsville–Area MPO Annual Review* is a compilation of planning tasks published annually by the Huntsville-Area MPO and the City of Huntsville’s Long-Range Planning Division. Data for this report is obtained from MPO planning records and the City of Huntsville’s Finance Department. Special thanks also go to the City’s Payroll Department for their assistance.

Questions or comments about the Review?

Email the editor at shontrill.lowe@huntsvilleal.gov.

Cover Photos

Clockwise, from top left: I-565 East, AAMU Electric Bus, USSRC, and Pace Bike Share

Disclaimer

The editor and contributing staff members of the Long-Range Planning Department and the Huntsville-Area MPO have worked hard to ensure the accuracy of the data within this document. However, no guarantee of accuracy can be made with regard to such data. Huntsville-Area MPO, the City of Huntsville and any employee, individual, organization, or agency which has contributed toward the substance or format of this document shall not be held liable for any damage or loss resulting from the use of or reliance on any information contained within this document.

THE HUNTSVILLE-AREA MPO ANNUAL REVIEW

2020 Annual Edition

Published November 2020

*A Publication of the Huntsville-Area
MPO, the City of Huntsville
Department of Urban Development,
Long-Range Planning Division*

PO Box 308

Huntsville, AL 35804

Manager of Urban and Long-Range Planning

Dennis Madsen

Editor

Shontrill M. Lowe

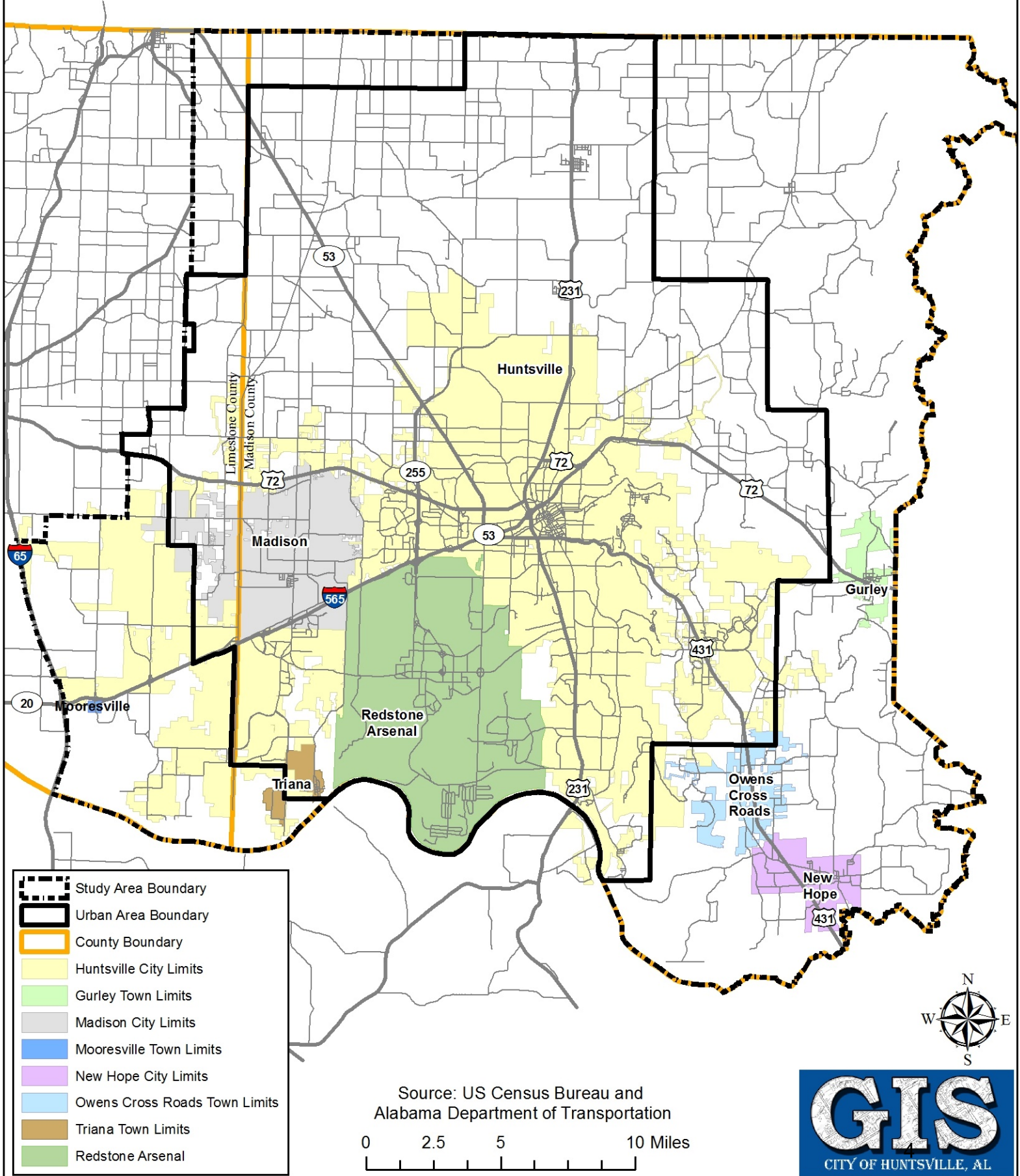
Contributing Staff Members

James Moore

James Vandiver

Ken Newberry

Huntsville Area Metropolitan Planning Organization (MPO) 2019



ADMINISTRATION

Task 1.1 Administration and Management

- All formal and other planning documents were produced in adherence to all federal mandates
- Prepared agendas, minutes, press releases, advertisements, and social media updates for all meetings concerning the Transportation Planning Process
- Prepared monthly invoices, reports, and yearly audits
- Attended other meetings concerning the Transportation Planning Process
- Prepared and submitted to ALDOT the 2019 Annual Report and other required reports
- Monitored MPO finances
- Performed other day-to-day program administration tasks

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$150,000.00	\$120,000.00	\$142,328.44	\$113,862.75	94.89%	\$6,137.25

Task 1.2 Unified Planning Work Program (UPWP)

- Staff worked on tasks included in the FY2020 UPWP
- Document compiled in accordance with Fixing America's Surface Transportation (FAST) Act requirements
- Staff completed the draft and final FY2021 UPWP
- Staff completed all comments from FHWA and ALDOT concerning the draft and final FY2021 UPWP
- Staff held public meetings concerning the FY2021 UPWP
- MPO board approved the Final FY2021 UPWP on August 26, 2020 for the Huntsville Area MPO
- Reviewed by advisory committees and planning committee prior to adoption in August 2020
- Continued coordination with ALDOT on setting performance measures and targets required by the FAST Act for inclusion in the UPWP

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$30,000.00	\$24,000.00	\$23,947.59	\$19,158.07	79.83%	\$4,841.93

Task 1.3 Continuity of Operations Plan

- No activity under this task

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$0.00	\$0.00	0.0%	\$200.00

Task 1.4 Staff Training Activities

- MPO staff attended multiple training and conference events virtual due to the COVID-19 pandemic, networking and expanding professional knowledge
- MPO staff registered and attended virtual ITE conference courses
- MPO staff attended and retained valuable knowledge from the Association of Metropolitan Planning Organizations (AMPO) Conference 2019 in Baltimore, MD
- MPO staff registered and attended virtual ATAP web safety courses
- MPO staff registered for the Association of Metropolitan Planning Organizations (AMPO) Virtual Conference 2020
- MPO staff attended regular CUBE trainings according to ALDOT schedule of events

UPWP Budget (Total \$)	UPWP Budget (Federal \$)	Yearly Expenditures (Total \$)	Yearly Expenditures (Federal \$)	Percent (%) Complete	Unspent Funds (Federal \$)
\$30,000.00	\$24,000.00	\$3,983.84	\$3,187.07	13.28%	\$20,812.93

DATA COLLECTION

Task 2.1 Data Collection and Analysis

- An ongoing staff project of Street Typology planning
- Staff maintained data to support MPO transportation documents. Instead of utilizing external hard drives, data is currently stored within the cloud network through automatic server backups
- MPO staff members were heavily involved in maintaining data pertaining to the transportation model
- MPO staff utilized bicycle mapping software to collect and maintain data on cyclists and facilities within the Huntsville Area MPO region
- Staff updated the catalogue of data for use in transportation planning. Data included livability indicator data and data regarding essential services including housing, employment, health care, schools, and recreation
- MPO staff participated with statewide MPOs in the selection and endorsement of Streetlytics as a new ALDOT platform for calibrating MPO models statewide
- MPO approved and published an RFP for a Commuter Study, which in terms would be the Congestion Management Chapter of the 2045 LRTP
- MPO staff were heavily involved in the analysis of bicycle and pedestrian facilities throughout the region
- MPO staff members were heavily involved in data collection and analysis for transit study update

UPWP Budget (Total \$)	UPWP Budget (Federal \$)	Yearly Expenditures (Total \$)	Yearly Expenditures (Federal \$)	Percent (%) Complete	Unspent Funds (Federal \$)
\$60,000.00	\$48,000.00	\$47,389.49	\$37,911.60	78.98%	\$10,088.40

Task 2.2 Computer Technical Assistance

- MPO Staff acquired new hardware (computers, monitors, laptops) and software upgrades (Adobe suites) in preparation for the data and graphic-intensive work upcoming in FY2020 for the new 2020-2023 TIP and 2045 LRTP creation process
- MPO staff purchased continual items such as printer cartridges, privacy screens, camera attachments, etc. to assist individual staff members in making the most of a productive work day, especially during the COVID-19 pandemic
- Staff received training as the CUBE transportation modeling software was updated

UPWP Budget (Total \$)	UPWP Budget (Federal \$)	Yearly Expenditures (Total \$)	Yearly Expenditures (Federal \$)	Percent (%) Complete	Unspent Funds (Federal \$)
\$8,000.00	\$6,400.00	\$6,721.76	\$5,377.41	84.02%	\$1,022.59

TRANSPORTATION SYSTEMS

Task 3.1 Long Range Transportation Plan

- MPO added performance based planning parameters to all MPO documents
- Continued coordination with ALDOT on setting performance measures and targets required by the FAST Act for inclusion in all MPO documents
- Staff edited and maintained the current 2045 Long Range Transportation Plan, *TRiP 2045*
- Staff has worked with local officials, ALDOT, FHWA, and FTA on transportation projects to include in the LRTP, *TRiP 2045*
- Hired CROY Engineering consultants to assist with the finishing touches on the LRTP, *TRiP2045*

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$200,000.00	\$166,666.00	\$161,379.97	\$129,103.98	80.69%	\$37,562.02

Task 3.2 Transportation Improvement Program (TIP)

- MPO added performance based planning parameters to all MPO documents
- Updated the FY 2020-2023 Transportation Improvement Program (TIP) with project amendments approved by the Policy Board
- Utilized the MPO portal to update, maintain, and track projects in the TIP
- Continued coordination with ALDOT on setting performance measures and targets required by the FAST Act for inclusion in the TIP
- Staff updated the agency website to include all changes to former and current TIPs

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$50,000.00	\$40,000.00	\$18,461.94	\$14,769.55	36.92%	\$25,230.45

Task 3.3 Bicycle and Pedestrian Transportation Planning

- Currently updating the existing Huntsville City Bicycle and Pedestrian Plan to include MPO region for 2020, *Huntsville-Area MPO Bikeway Plan* to be adopted Dec 2020
- Continued to identify and mitigate gaps in the bicycle and pedestrian network
- Created BAZs as the update to the existing Huntsville City Bicycle and Pedestrian Plan continues
- Coordinating to create online maps including Level of Service maps for route level analysis
- Continued coordination with ALDOT on setting goals, objectives, and targets required by the FAST Act for inclusion in the Bicycle-Pedestrian Plan update
- MPO TAP funding for City of Huntsville Big Cove pedestrian bridge and City of Madison Mill Creek greenway

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$50,000.00	\$40,000.00	\$39,996.98	\$31,997.58	79.99%	\$8,002.42

Task 3.4 Transit Planning

- Performance based planning parameters are being updated for all MPO documents
- Implementation of consultants' FINAL Transit Study recommendations
- Continued monitoring and re-evaluation of existing systems and services
- Continued to involve the public in transit system planning processes

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$25,000.00	\$20,000.00	\$1,500.00	\$1,200.00	6.00%	\$18,800.00

Task 3.4.1 Transportation Disadvantaged Planning

- Advertise for public meetings accordingly
- MPO staff have included the City of Huntsville's DBE percentages in RFPs for consultants to comply

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$10,000.00	\$8,000.00	\$1,557.50	\$1,246.00	15.58%	\$6,754.00

Task 3.4.2 Transit Asset Management Planning

- Performance based planning parameters are being updated for all MPO documents
- The City of Huntsville's Public Transit Fiscal Officer reviews the TAM Plan each year with operations and maintenance staff; and plans future updates to the TAM Plan; which is also a part of the FTA Grant application and Reporting process

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$5,000.00	\$4,000.00	\$0.00	\$0.00	0.00%	\$4,000.00

Task 3.5 Congestion Management Process

- MPO approved and published an RFP for a Commuter Study, which in terms would be the Congestion Management Chapter of *TRIP2045*, LRTP
- MPO staff participated with statewide MPOs in the selection and endorsement of Streetlytics as a new ALDOT platform for calibrating MPO models statewide
- An ongoing staff project of Street Typology planning
- Major Street Plan updated for City of Huntsville which is connected to the city's Big Picture process

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$240,000.00	\$200,000.00	\$99,638.48	\$79,710.78	41.52%	\$120,289.22

Task 3.6 Intermodal Freight Management Process

- No activity under this task

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$2,500.00	\$2,000.00	\$0.00	\$0.00	0.00%	\$2,000.00

Task 3.7 Safety Management System

- No activity under this task

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$2,500.00	\$2,000.00	\$0.00	\$0.00	0.00%	\$2,000.00

PUBLIC INVOLVEMENT

Task 4.1 Public Participation Process

- Public review and MPO adoption of the Final FY2021 UPWP on August 26, 2020
- Review of PPP procedures and strategies
- Update the MPO website to include the Draft and Final FY2021 UPWP
- Update the MPO website to include the Draft and Final Regional Commuter Study which will serve as Congestion Management Chapter of *TRiP2045*, L RTP
- Continued coordination with ALDOT on setting performance measures and targets required by the FAST Act for inclusion in the Final FY2021 UPWP
- Updated Livability Principles and Indicators for inclusion in to the Final FY2021 UPWP

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$25,000.00	\$20,000.00	\$3,806.57	\$3,045.25	15.23%	\$16,954.75

Task 4.2 Disadvantaged Business Enterprise

- No activity under this task

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00

Task 4.3 Title VI and Environmental Justice

- MPO website was updated to include Title VI and ADA Compliance information per the 2017 TMA Certification Review.
- MPO staff registered and attended virtual ADA Audio Conference sessions

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00

Task 4.4 American Disability Act Planning/Compliance – Special Services

- Under this task, MPO staff worked to ensure ADA compliance process was in place by coordinating with local traffic engineering and public works departments

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00

ENVIRONMENTAL MITIGATION AND AIR QUALITY

Task 5.1.1 Public Involvement Activities for Air Quality

- MPO staff continued to engage the public early in the process for transportation projects to be included in the draft and final versions of the FY2020-2023 TIP. These projects will continue our efforts at improving air quality

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00

Task 5.2 Climate Change and Greenhouse Gas (GHG) Emissions

- Mitigation of negative externalities of transportation in the design and construction phases (i.e., noise, emissions, view sheds, safety, etc.)

<u>UPWP Budget (Total \$)</u>	<u>UPWP Budget (Federal \$)</u>	<u>Yearly Expenditures (Total \$)</u>	<u>Yearly Expenditures (Federal \$)</u>	<u>Percent (%) Complete</u>	<u>Unspent Funds (Federal \$)</u>
\$250.00	\$200.00	\$14.27	\$11.42	5.71%	\$188.58

PLANNING STUDIES

Task 6.1 100070612 Madison County LRTP Study

- Staff has worked with jurisdiction and consultants on transportation projects that will be included in the LRTP
- Jurisdiction hired CDG consultants to assist with the completion of the LRTP Study

Task 6.1 Federal Metropolitan Studies	UPWP Budget (Total \$)	UPWP Budget (Federal \$)	Yearly Expenditures (Total \$)	Yearly Expenditures (Federal \$)	Percent (%) Complete	Unspent Funds (Federal \$)
100070612 - MADISON COUNTY LRTP STUDY	\$100,000.00	\$80,000.00	\$0.00	\$57,513.40	0.00%	\$22,487

Task 6.1 100070613 COH Memorial Parkway Intersection Safety Study

- No activity under this task
- Project Ongoing

Task 6.1 Federal Metropolitan Studies	UPWP Budget (Total \$)	UPWP Budget (Federal \$)	Yearly Expenditures (Total \$)	Yearly Expenditures (Federal \$)	Percent (%) Complete	Unspent Funds (Federal \$)
100070613 - COH Memorial Parkway Intersection Safety Study	\$225,000.00	\$180,000.00	\$0.00	\$0.00	0.00%	\$180,000.00

HUNTSVILLE AREA MPO / FHWA Planning Funds							
Summary of UPWP Expenditures - Period 10/1/2019 - 9/30/2020							
			PL		CLAIMED as of 9/30/2020		
		UPWP	UPWP	Yearly	Yearly		Unspent
		Budget	Budget	Expenditures	Expenditures	% Complete	Funds
		(Total \$)	(Federal \$)	(Total \$)	(Federal \$)		(Federal \$)
TASK							
TASK 1.0: ADMINISTRATION							
1.1 Administration & Management		\$150,000.00	\$120,000.00	\$142,328.44	\$113,862.75	94.89%	\$6,137.25
1.2 Unified Planning Work Program (UPWP)		\$30,000.00	\$24,000.00	\$23,947.59	\$19,158.07	79.83%	\$4,841.93
1.3 Continuity of Operation Plan (COOP)		\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00
1.4 Staff Training Activities		\$30,000.00	\$24,000.00	\$3,983.84	\$3,187.07	13.28%	\$20,812.93
TASK 2.0: DATA COLLECTION							
2.1 Data Collection and Analysis		\$60,000.00	\$48,000.00	\$47,389.49	\$37,911.60	78.98%	\$10,088.40
2.2 Computer Technical Assistance		\$8,000.00	\$6,400.00	\$6,721.76	\$5,377.41	84.02%	\$1,022.59
TASK 3.0: TRANSPORTATION SYSTEMS							
3.1 Long Range Transportation Plan (LRTP)		\$200,000.00	\$166,666.00	\$161,379.97	\$129,103.98	80.69%	\$37,562.02
3.2 Transportation Improvement Program (TIP)		\$50,000.00	\$40,000.00	\$18,461.94	\$14,769.55	36.92%	\$25,230.45
3.3 Bicycle & Pedestrian Planning		\$50,000.00	\$40,000.00	\$39,996.98	\$31,997.58	79.99%	\$8,002.42
3.4 Transit Planning		\$25,000.00	\$20,000.00	1500	\$1,200.00	6.00%	\$18,800.00
3.4.1 Transportation Planning for Disadvantaged Populations		\$10,000.00	\$8,000.00	\$1,557.50	\$1,246.00	15.58%	\$6,754.00
3.4.2 Transit Asset Management Planning		\$5,000.00	\$4,000.00	\$0.00	\$0.00	0.00%	\$4,000.00
3.5 Congestion Management (CMP)		\$240,000.00	\$200,000.00	\$99,638.48	\$79,710.78	41.52%	\$120,289.22
3.6 Intermodal Freight Management Process		\$2,500.00	\$2,000.00	\$0.00	\$0.00	0.00%	\$2,000.00
3.7 Safety Management System		\$2,500.00	\$2,000.00	\$0.00	\$0.00	0.00%	\$2,000.00
TASK 4.0: PUBLIC INVOLVEMENT							
4.1 Public Participation Process (PPP)		\$25,000.00	\$20,000.00	\$3,806.57	\$3,045.25	15.23%	\$16,954.75
4.2 Disadvantage Business Enterprise		\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00
4.3 Title VI & Environmental Justice		\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00
4.4 American Disability Act Planning/Compliance-Special Services		\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00
TASK 5.0: ENVIRONMENTAL MITIGATION AND AIR QUALITY PLANNING							
5.1.1 Public Involvement Activities Air Quality		\$250.00	\$200.00	\$0.00	\$0.00	0.00%	\$200.00
5.2 Climate Change & Greenhouse Gas		\$250.00	\$200.00	\$14.27	\$11.42	5.71%	\$188.58
TASK 6.0 PLANNING STUDIES							
6.1 FEDERAL METROPOLITAN PLANNING STUDIES							
100070612 - MADISON COUNTY LRTP STUDY		\$100,000.00	\$80,000.00	\$0.00	\$57,513.40	0.00%	\$22,487
100070613 - COH MEMORIAL PARKWAY INTERSECTION SAFETY STUDY		\$225,000.00	\$180,000.00	\$0.00	\$0.00	0.00%	\$180,000.00
State Planning Research		\$0.00	\$86,000.00	\$0.00	\$0.00	0.00%	\$0.00
TOTAL		\$1,214,500.00	\$986,266.00	\$550,726.83	\$498,094.86	45.35%	\$488,171.14

**actual invoiced amount is \$440,581