



## FINAL FY 2024 - 2027 Transportation Improvement Program



Prepared by the Huntsville Area MPO Staff  
in Cooperation with the Local Transportation Bureau, Alabama Department of  
Transportation (ALDOT)  
Adopted by the Metropolitan Planning Organization (MPO)  
**FINAL Adopted: August 16, 2023**

## FINAL FY 2024 - 2027

### Transportation Improvement Program

This document is posted at:

<http://www.huntsvillempo.org>

For further information, please contact Dennis Madsen,  
MPO Manager

E-mail: [longrangeplanning@huntsvilleal.gov](mailto:longrangeplanning@huntsvilleal.gov)

This report was financed in part by the U.S. Department of Transportation, Federal Highway Administration, the Federal Transit Administration, the Alabama Department of Transportation, and the City of Huntsville in partial fulfillment of Task 3.2 of the Final FY 2023 Unified Planning Work Program.

This document is produced by the staff of the Huntsville Area Metropolitan Planning Organization, in fulfillment of requirements set forth in Title 23 USC 134 and 135, amended November 2021. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation. FINAL Adopted by the Metropolitan Planning Organization Policy Board on August 16, 2023.

# MPO Policy Board

**Mac McCutcheon, Chairman**

**Tommy Battle, Mayor**

**Paul Finley, Mayor**

**John Meredith, President**

**Curtis Craig, Mayor**

**Mary Caudle, Mayor**

**Curtis Vincent**

**Aaron Dawson (non-voting)**

**Nicole Spivey (non-voting)**

**Bradley Lindsey (non-voting)**

**Michelle Gilliam Jordan (non-voting)**

Madison County Commission

City of Huntsville

City of Madison

Huntsville City Council

Town of Owens Cross Roads

Town of Triana

Alabama Department of Transportation (ALDOT) North Region

Federal Highway Administration

Federal Transit Administration

ALDOT Local Transportation Bureau

Top of Alabama Regional Council of Governments

## Technical Coordinating Committee

**Shane Davis**– *Transportation Planning Coordinator, City of Huntsville Department of Urban Development*

**Mary Beth Broeren**, *City of Madison Planning and Economic Development*

**Chuck Faulkner**, *Madison County Engineering*

**Michael Johnson**, *City of Madison Engineering*

**Aaron Dawson**, *Federal Highway Administration*

**Nicole Spivey**, *Federal Transit Administration*

**Kathy Martin**, *City of Huntsville Engineering*

**Nicholas Nene**, *City of Huntsville Traffic Engineering*

**Trey Riley**, *City of Huntsville Attorney*

**Darlene Duerr**, *City of Huntsville Natural Resources & Environmental Management*

**Vacant**, *Madison County Planning and Economic Development*

**Quisha Bryant**, *Huntsville Transit*

**Brandi Quick**, *Huntsville-Madison County Marina and Port Authority*

**Les Tillery**, *Huntsville Planning Commission*

**Butch Roberts**, *Huntsville- Madison County Airport Authority*

**James Giles**, *Alabama Department of Transportation*

**Rodney Ellis**, *Alabama Department of Transportation*

**Michelle Gilliam-Jordan**, *Top of Alabama Regional Council of Governments*

**Kaela Hamby**, *Redstone Arsenal*

**Glen Partlow**, *Huntsville Utilities*

**Carson Smith**, *Huntsville Utilities*

**Melvin McKinstrey**, *Marshall Space Flight Center*

**Diana Standridge**, *US Space & Rocket Center*

**Carly Borden**, *Huntsville-Madison County Railroad Authority*

**Marc Massey**, *Limestone County Engineer (Ex-Officio Member)*

**Hunter Daws**, *Assistant Limestone County Engineer (Ex-Officio Member)*

## Citizens Advisory Committee

**Dario Gonzalez**, *City of Huntsville*  
**Russ McDonald**, *City of Huntsville (CAC Chairman)*  
**John Ofenlock**, *City of Huntsville*  
**Todd Slyman**, *City of Huntsville*  
**Gary Whitley**, *City of Huntsville*  
**Trent Griffin**, *City of Huntsville*  
**Matthew Brown**, *City of Huntsville*  
**Vacant**, *City of Huntsville*  
**Larry Mason**, *City of Madison*  
**Vacant**, *City of Madison*  
**Taron Thorpe**, *Madison County*  
**Houston Matthews**, *Madison County*  
**Scott Baker**, *Town of Owens Cross Roads*  
**Larry Furlough**, *Town of Owens Cross Roads*  
**Jurlene Rogers**, *Town of Triana*  
**Mark Pools**, *Town of Triana*

# Huntsville Area Metropolitan Planning Organization Staff

**Shane Davis**

*Director of Urban Development*

**Dennis Madsen**

*Manager of Urban and Long-Range Planning*

**James Vandiver**

*Planner III*

**James Moore**

*Planner III*

**Ken Newberry**

*Planner III*

**Jo Beth Gleason**

*Planner II*

**RESOLUTION NO. 13-23  
HUNTSVILLE AREA METROPOLITAN PLANNING ORGANIZATION  
MPO SELF-CERTIFICATION**

**WHEREAS**, the Huntsville Area Metropolitan Planning Organization (MPO) is the organization designated by the Governor of the State of Alabama as being responsible, together with the State of Alabama, for implementing the applicable provisions of amended 23 USC 134 and 135 (as amended by Infrastructure Investment and Jobs Act, Sections 11201, November 2021); 42 USC 126, 2000d-1, 7401; 23 CFR Parts 450 and 500; 40 CFR Parts 51 and 93; and

**WHEREAS**, the MPO has adopted a Transportation Improvement Program (TIP) for FY 2020-2023 and it is included in the approved State Transportation Improvement Program (STIP); and

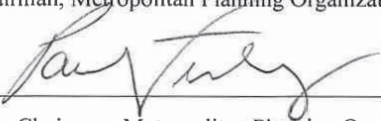
**WHEREAS**, a joint certification of the TIP by the Alabama Department of Transportation (ALDOT) and the Huntsville Area MPO is required no less than every four years, to certify that the MPO's transportation planning process is being carried out in accordance with applicable requirements and meeting the needs of the metropolitan planning area; and

**WHEREAS**, this certification was updated in 2023 by the MPO and ALDOT with no exceptions or strikethroughs.


**NOW THEREFORE BE IT RESOLVED**, that the Huntsville Area MPO does hereby adopt the **MPO Self-Certification** and authorizes the Chairman to sign the document.

Adopted, this the 16th day of August, 2023

  
\_\_\_\_\_  
Chairman, Metropolitan Planning Organization

  
\_\_\_\_\_  
Vice-Chairman, Metropolitan Planning Organization

ATTEST:

  
\_\_\_\_\_  
Date 8/16/2023

**RESOLUTION NO. 14-23**  
**HUNTSVILLE AREA METROPOLITAN PLANNING ORGANIZATION**  
**ADOPTION OF THE FINAL FY 2024-2027 TRANSPORTATION IMPROVEMENT**  
**PROGRAM**

**WHEREAS**, the Huntsville Area Metropolitan Planning Organization (MPO) is the organization designated by the Governor of the State of Alabama as being responsible, together with the State of Alabama, for implementing the applicable provisions of amended 23 USC 134 and 135 (as amended by Infrastructure Investment and Jobs Act, Sections 11201, November 2021); 42 USC 126, 2000d-1, 7401; 23 CFR Parts 450 and 500; 40 CFR Parts 51 and 93; and

**WHEREAS**, Title 23 CFR 450.324 requires that transportation projects in urbanized areas funded by the Federal Highway Administration and the Federal Transit Administration be included in a Transportation Improvement Program (TIP) and adopted by vote of the MPO Policy Board; and

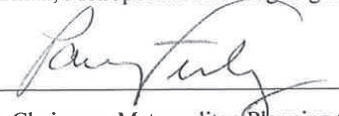
**WHEREAS**, consistent with the declaration of these provisions, the MPO Staff, in cooperation with the Alabama Department of Transportation (ALDOT), has prepared a **FINAL FY 2024-2027 Transportation Improvement Program (TIP)**.

**NOW THEREFORE BE IT RESOLVED**, that the Huntsville Area MPO does hereby adopt the **FINAL FY 2024-2027 Transportation Improvement Program (TIP)**.

Adopted, this the 16th day of August, 2023

  
\_\_\_\_\_

Chairman, Metropolitan Planning Organization

  
\_\_\_\_\_

Vice-Chairman, Metropolitan Planning Organization

ATTEST:

 Date 8/16/2023



# TABLE OF CONTENTS

<b>TITLE AND MPO CONTACT PAGE</b>	<b>2</b>
<b>MPO AND COMMITTEE MEMBERSHIP</b>	<b>3</b>
<b>ADOPTING RESOLUTION</b>	<b>7</b>
<b><u>Part 1: Introduction</u></b>	
PURPOSE	13
MPO ORGANIZATION	13
IIJA REGULATIONS FOR THE TIP	15
CONSISTENCY WITH OTHER PLANS	15
SCOPE OF THE PLANNING PROCESS	16
PLANNING EMPHASIS AREAS	16
PUBLIC PARTICIPATION PLAN	16
TITLE VI	17
LIVABILITY INDICATORS	21
CONGESTION MANAGEMENT PROCESS (CMP)	22
ENVIRONMENTAL MITIGATION	22
CLIMATE CHANGE	22
AIR QUALITY PLANNING	23
FINANCIAL PLAN	23
PROJECT SELECTION	24
CERTIFICATION	24
REGIONALLY SIGNIFICANT PROJECTS	25
FREIGHT PLANNING	25
PERFORMANCE MEASUREMENT	26
BACKGROUND	26
ALDOT PERFORMANCE MEASURES & TARGETS	27

HUNTSVILLE-AREA MPO'S PROGRESS TOWARDS MEETING ALL PM TARGETS	28
BICYCLE AND PEDESTRIAN PLANNING	28
COMPLETE STREETS	29
HOW TO USE THE TIP	30
LIST OF OBLIGATED PROJECTS	32

**Part 2: Projects**

PROJECT MAP	36
CPMS PROJECT DESCRIPTIONS	38
SURFACE TRANSPORTATION ATTRIBUTABLE PROJECTS	41
OTHER SURFACE TRANSPORTATION PROGRAM PROJECTS	48
NHS / INTERSTATE MAINTENANCE / NHS BRIDGE PROJECTS	53
APPALACHIAN HIGHWAY SYSTEM PROJECTS	62
TRANSPORTATION ALTERNATIVES PROJECTS	63
BRIDGE PROJECTS (STATE AND FEDERAL)	68
STATE FUNDED PROJECTS	69
ENHANCEMENT PROJECTS	70
TRANSIT PROJECTS	71
SYSTEM MAINTENANCE PROJECTS	76
SAFETY PROJECTS	77
OTHER FEDERAL AND STATE AID PROJECTS	82
CONGESTION MITIGATION AND AIR QUALITY PROJECTS	87
HIGH PRIORITY AND CONGRESSIONAL EARMARK PROJECTS	88
CARBON REDUCTION PROGRAM ATTRIBUTABLE PROJECTS	89
OTHER CARBON REDUCTION PROGRAM PROJECTS	91

**Part 3: Appendices**

A: PROGRAM CODES	93
B: MPO BOUNDARY MAP	98
C: GLOSSARY OF TRANSPORTATION TERMS	100
D: PUBLIC INVOLVEMENT RECAP	105
E: REGIONALLY SIGNIFICANT PROJECTS FINANCIAL CONSTRAINT PLAN	116

F: LIVABILITY PRINCIPLES	119
G: MPO SELF – CERTIFICATION	123
H: MPO MOU STIP / TIP	142
I: PERFORMANCE MEASURES, PM TARGETS AND PM AGREEMENTS	152
J: SYSTEM PERFORMANCE REPORT	165
K: AMENDMENTS	169

# Part 1 Introduction

## **1.0 PURPOSE**

The purpose of the Transportation Improvement Program (TIP) is to provide a prioritized list of all transportation projects in Huntsville-Area Metropolitan Planning Organization's (MPO) funded from federal and state sources over the next 4-year period. Projects are programmed by Alabama Department of Transportation (ALDOT) and are consistent with the Huntsville-Area MPO adopted Long-Range Transportation Plan (LRTP) and priority transportation projects. Projects in the TIP cover all modes of transportation and include locally funded and managed transportation projects as well as regionally significant projects (regardless of funding source) and may be capital or non-capital projects.

On a four-year timeframe, the TIP is developed by the Huntsville-Area MPO in conjunction with local transit providers, jurisdictions, and agencies that are recognized as members of the local MPO according to the formal agreement signed by the Governor of Alabama, ALDOT, City of Huntsville, Madison County, City of Madison, Town of Triana, and the Town of Owens Cross Roads. The TIP must be approved by the MPO Board. Once approved locally, the TIP is forwarded to ALDOT, where it becomes a part of the Statewide Transportation Improvement Program (STIP). The TIP is a financially feasible program and displays the priorities of multi-modal transportation improvement projects as adopted by state and local governments and transit agencies in Huntsville Area MPO.

## **2.0 MPO ORGANIZATION**

The Federal Highway Act of 1962 required that urban areas like Huntsville have a 3-C (continuous, comprehensive, and cooperative) transportation planning process in order to qualify for federal funding assistance for highway improvements. On September 3, 1963, the 3-C transportation planning process was established for the Huntsville area with the creation of the Huntsville-Area Metropolitan Planning Organization (MPO). The agreement was further updated on June 14, 1976 to meet the planning requirements of the Federal Highway Administration (FHWA) and the Urban Mass Transportation Administration. During this update, the Town of Owens Cross Roads, Triana, City of Madison, Madison County, and the Top of Alabama Regional Council of Governments (TARCOG) were added as parties to the agreement. The agreement to implement the 3-C process was further updated on September 28, 1994 to meet the requirements of the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA), and again on February 20, 2009 to meet the requirements of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). Finally, in December 2015 the agreement was updated and adopted with considerations for the Fixing America's Surface Transportation (FAST) Act.

Generally, the transportation planning process must have a coordinated organization to be effective. The MPO is composed of local elected officials who are legally empowered to implement transportation plans. They consider transportation planning goals and objectives along with financial and social consequences when adopting transportation plans. A Technical Coordinating Committee (TCC) provides the technical and professional guidance for the planning process and is composed of experienced professional people who can determine if developed plans will be feasible for the local area. Public involvement in the transportation planning process is provided through a Citizens Advisory Committee (CAC). The Huntsville Planning Division has been designated as the agency responsible for transportation planning. The Planning Division staff provides professional manpower required locally for transportation planning. The Local Bureau of Transportation Planning of ALDOT is responsible for the travel demand modeling portion of all urbanized area highway studies within the State.

In July 2002, the Huntsville Urbanized Area was designated by the FHWA and the Federal Transit Administration (FTA) as a Transportation Management Area (TMA). 23 USC 134 (k)(1)(A) and (B) requires the Secretary of Transportation to designate each urban area with a population of over 200,000 individuals as a TMA, and any additional area upon the request of the Governor and MPO designated for the area. In addition to meeting all the federal requirements for an urbanized area, such as basing transportation plans on the 3-C process, the TMA designation requires more extensive planning actions and responsibilities. These additional actions and responsibilities are delineated in 23 USC 134 (k) and (l); which can be found here: <https://www.govinfo.gov/content/pkg/USCODE-2021-title23/html/USCODE-2021-title23-chap1-sec134.htm>

### 3.0 IIJA REGULATIONS FOR THE TIP

The Infrastructure Investment and Jobs Act § 1201; 23 USC 101 is a funding and authorization bill to govern United States federal surface transportation spending. It was passed by Congress on November 5, 2021, and President Joe Biden signed it on November 15.

Each metropolitan planning organization (MPO) is required, under 49 U.S.C. 5303(j), to develop a Transportation Improvement Program (TIP), covering a period of at least four years. The TIP must be developed in cooperation with the state and public transit providers. The TIP should include capital and non-capital surface transportation projects, bicycle and pedestrian facilities and other transportation enhancements, Federal Lands Highway projects, and safety projects included in Alabama's Strategic Highway Safety Plan. The TIP should include all regionally significant projects receiving FHWA or FTA funds, or for which FHWA or FTA approval is required, in addition to non-federally funded projects that are consistent with the Long-Range Transportation Plan (LRTP). Furthermore, the TIP must be fiscally constrained.

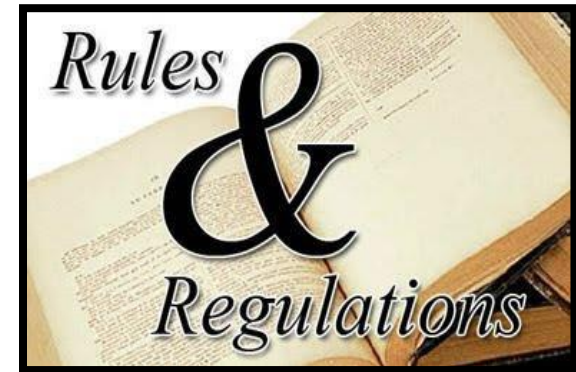
The IIJA continues the FAST Act/MAP-21 approach to formula program funding, authorizing a lump sum total instead of individual authorizations for each program. The IIJA continues most of the metropolitan planning requirements that were in effect under the FAST Act/MAP-21.

### 4.0 CONSISTENCY WITH OTHER PLANS

The projects included in the TIP are consistent with adopted short and long-range transportation plans as well as the master plans of other agencies and jurisdictions in Huntsville Area MPO.

Transportation projects which involve federal participation will also be consistent with the current and upcoming Huntsville-Area MPO Long Range Transportation Plan (LRTP), MPO Congestion Management Plan, local and MPO bike/pedestrian plans, and the Huntsville International Airport Master Plan. The City of Madison 2045 Transportation Plan is also developed in partnership with the MPO, using MPO demographic data. Transit projects programmed for Huntsville Shuttle and Madison County TRAM are consistent with the 2020 Human Services Coordinated Transportation Plan and the 2023 Huntsville Transit Study. Documentation of the overall planning process is provided in the Final 2018 Public Participation Plan for the Huntsville Metropolitan Transportation Planning Area.

The Huntsville Area MPO also works closely with the Decatur MPO and Top of Alabama Regional Council of Governments (TARCOG) RPO, whose jurisdictions are adjacent to the Huntsville Metropolitan Planning Area.



## **5.0 SCOPE OF THE PLANNING PROCESS**

The 2024-2027 TIP planning process scope includes all federally funded and regionally significant surface transportation and public transit projects planned for the Huntsville MPO study area in the four fiscal years. The planning process in USC 23 134 (h) incorporates the ten key general scope considerations. They are: (A) support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency; (B) increase the safety of the transportation system for motorized and nonmotorized users; (C) increase the security of the transportation system for motorized and nonmotorized users; (D) increase the accessibility and mobility of people and for freight; (E) protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns; (F) enhance the integration and connectivity of the transportation system, across and between modes, for people and freight; (G) promote efficient system management and operation; (H) emphasize the preservation of the existing transportation system; (I) improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and (J) enhance travel and tourism.

## **6.0 PLANNING EMPHASIS AREAS**

Planning Emphasis Areas (PEAs) are usually themes promoted for consideration in the transportation process. For Fiscal Year 2023, the key planning themes are those jointly issued in 2021 by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) which are listed below:

- Tackling the Climate Crisis- Transition to a Clean Energy, Resilient Future
- Equity and Justice<sup>40</sup> in Transportation Planning
- Complete Streets
- Public Involvement
- Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination
- Federal Land Management Agency (FLMA) Coordination
- Planning and Environment Linkages (PEL)
- Data in Transportation Planning

## **7.0 PUBLIC PARTICIPATION PLAN**

On January 15, 2014, the MPO approved a public involvement process, including a Limited English Proficiency Plan, detailed in the Public Participation Plan for Huntsville Metropolitan Transportation Planning Area (PPP). This document includes provisions to develop, review, adopt, and amend the TIP. The PPP was most recently revised by the MPO Board during a public hearing on April 10, 2018 to create the current 2018 PPP. The public involvement procedures outlined in the 2018 PPP were followed during the development of this document. This can be found at:

<http://www.huntsvillempo.org/plans-and-reports/>



## 8.0 TITLE VI

The Huntsville Area Metropolitan Planning Organization (MPO) is committed to ensuring public participation in the development of all transportation plans and programs. It is the overall goal of the MPO that the transportation planning process be open, accessible, transparent, inclusive, and responsive. As a continuing effort by the MPO to provide public access and the means by which to engage in the planning process, the MPO has established the following public participation goals for all documents and programs:

- (1) An Open Process – To have an open process that encourages early and continued public participation. All MPO and committee meetings are open to the public.
- (2) Easy Information Access – To provide complete and timely information regarding plans, programs, procedures, policies and technical data produced or used during the planning process to the general public and the media. All MPO meeting announcements, documents, maps, and plans can be viewed at [www.huntsvillempo.org](http://www.huntsvillempo.org).
- (3) Notice of Activities – To provide timely and adequate public notice of hearings, meetings, reviews, and availability of documents.
- (4) Public Input and Organizational Response – To demonstrate consideration and recognition of public input and comments and to provide appropriate responses to public input.
- (5) An Inclusive Process – To encourage participation in the planning process by traditionally underrepresented segments of the community; low-income groups, minorities, persons with disabilities, and the elderly; and to consider the needs of these groups when developing programs, projects, or plans.

Additionally, the Huntsville Area MPO will be compliant with the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 by July 2016. The MPO is and will remain compliant with the following Title VI laws, processes, and programs:

- Civil Rights Act of 1964, 42 USC 2000d, et seq. which prohibits exclusion from participation in any federal program on the basis of race, color, or national origin.
- 23 USC 324 which prohibits discrimination on the basis of sexual orientation, adding to the landmark significance of 2000d. This requirement is found in 23 CFR 450.334(1).
- Rehabilitation Act of 1973, 29 USC 701 Section 504, which prohibits discrimination on the basis of a disability, and in terms of access to the transportation planning process.
- Americans with Disabilities Act of 1990 which prohibits discrimination based solely on disability. ADA encourages the participation of people with disabilities in the development of transportation and paratransit plans and services. In accordance with ADA guidelines, all meetings conducted by the MPO will take place in locations which are accessible by persons with mobility limitations or other impairments.
- Executive Order 12898 or referred to as *Environmental Justice*, which requires that federal programs, policies and activities affecting human health or the environment will identify and avoid disproportionately high and adverse effects on minority or low-income populations. The intent was to ensure that no racial, ethnic, or socioeconomic group bears a disproportionate share of negative environmental consequences resulting from government programs and policies.

- Limited English Proficiency (LEP) Plan which is required by Title VI of the Civil Rights Act of 1964, Executive Order 13166, and FTA Circular C 4702.1B, October 2012. The Huntsville Area MPO has completed a Four Factor Analysis of the Huntsville Area Metropolitan Planning Area (MPA) to determine requirements for compliance with the Limited English Proficiency (LEP) provisions. Based on the analysis, the MPO has identified a population within the MPA that may require MPO assistance in participating in the planning process. A Limited English Proficiency (LEP) Plan has been developed and is incorporated into the PPP. It can be accessed at [www.huntsvillempo.org](http://www.huntsvillempo.org).

In order to further support the public participation goals of the Huntsville Area MPO, the public is encouraged to participate in the development of the **Unified Planning Works Program (UPWP)**. Once the draft UPWP is approved, it will be subject to a 30-day public comment period before adoption of the final document. A summary of the public outreach activities and results are included in the Appendices. All Huntsville Area MPO meetings are open to the public. At these meetings, the MPO committees review and approve the draft and final UPWP documents. Interested individuals may also review and comment upon these documents in tandem with the MPO committees. Individuals may address their concerns to the MPO committees directly at any meetings they attend.

**Section 504 of the Rehabilitation Act of 1973 is a national law that protects qualified individuals from discrimination based on their disability.**

The nondiscrimination requirements of the law apply to employers and organizations that receive financial assistance from any federal department or agency, including the U.S. Department of Health and Human Services (DHHS). These organizations and employers include many hospitals, nursing homes, mental health centers, and human service programs. Section 504 forbids organizations and employers from excluding or denying individuals with disabilities an equal opportunity to receive program benefits and services. It defines the rights of individuals with disabilities to participate in, and have access to, program benefits and services.

The agencies with enforcement authority for actions which allege employment discrimination under this subchapter and under the Rehabilitation Act of 1973 [29 U.S.C. 701 et seq.] shall develop procedures to ensure that administrative complaints filed under this subchapter and under the Rehabilitation Act of 1973 are dealt with in a manner that avoids duplication of effort and prevents imposition of inconsistent or conflicting standards for the same requirements under this subchapter and the Rehabilitation Act of 1973. For the Federal-aid highway program: (1) Each State must have procedures approved by the FHWA to carry out a public involvement/public hearing program pursuant to 23 U.S.C. 128 and 139 and CEQ regulation. (2) State public involvement/public hearing procedures must provide for:

- i. Coordination of public involvement activities and public hearings with the entire NEPA process.

- ii. Early and continuing opportunities during project development for the public to be involved in the identification of social, economic, and environmental impacts, as well as impacts associated with relocation of individuals, groups, or institutions.
- iii. One or more public hearings or the opportunity for hearing(s) to be held by the state highway agency at a convenient time and place for any federal-aid project which requires significant amounts of right-of-way, substantially changes the layout or functions of connecting roadways or of the facility being improved, has a substantial adverse impact on abutting property, otherwise has a significant social, economic, environmental or other effect, or for which the FHWA determines that a public hearing is in the public interest.

The Americans with Disabilities Act (ADA) was signed into law on July 26, 1990. Its overall purpose is to make American Society more accessible to people with disabilities. In 2008, the ADA Amendments Act (ADAAA) was passed. Its purpose is to broaden the definition of disability, which had been narrowed by U.S. Supreme Court decisions.

The ADA is divided into five titles:

1. Employment (Title I) - Title I requires covered employers to provide reasonable accommodation for applicants and employees with disabilities and prohibits discrimination on the basis of disability in all aspects of employment. Reasonable accommodation includes, for example, restructuring jobs, making work-sites and workstations accessible, modifying schedules, providing services such as interpreters, and modifying equipment and policies. Title I also regulate medical examinations and inquires. For more information, see <http://AskJAN.org/links/adalinks.htm#I>
2. Public Services (Title II) - Under Title II, public services (which include state and local government agencies, the National Railroad Passenger Corporation, and other commuter authorities) cannot deny services to people with disabilities or deny participation in programs or activities that are available to people without disabilities. In addition, public transportation systems, such as public transit buses, must be accessible to individuals with disabilities. For more information, see <http://AskJAN.org/links/adalinks.htm#II>
3. Public Accommodations (Title III) - Public accommodations include facilities such as restaurants, hotels, grocery stores, retail stores, etc., as well as privately owned transportation systems. Title III requires that all new construction and modifications must be accessible to individuals with disabilities. For existing facilities, barriers to services must be removed if readily achievable. For more information, see <http://AskJAN.org/links/adalinks.htm#III>

4. Telecommunications (Title IV)- Telecommunications companies offering telephone service to the general public must have telephone relay service to individuals who use telecommunication devices for the deaf (TTYs) or similar devices.
5. Miscellaneous (Title V) - This title includes a provision prohibiting either (a) coercing or threatening or (b) retaliating against individuals with disabilities or those attempting to aid people with disabilities in asserting their rights under the ADA. The Draft UPWP will be presented to the Citizens and Technical Advisory Committees and the MPO Board's Policy Committee. All these meetings will be publicly noticed and allowed time for public comment. Agendas were distributed to a wide mailing list and posted on the MPO's website. Also, review copies of the draft were sent to the ALDOT and FHWA. All comments received were addressed and revisions were made where appropriate in the UPWP. In general, all agency plans and programs comply with the prohibition against discrimination in federally funded programs provisions of Title VI, 42 USC, Section 2000d, which states:

*“No person in the United States shall, on ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”*

The MPO will be in compliance with applicable provisions of FTA C 4702.1B. A Language Assistance Plan consistent with provisions of the Limited Proficiency requirements is available in the 2018 Public Participation Plan.

The Huntsville-Area Metropolitan Planning Organization (MPO), as a subrecipient of federal funding, is required to comply with Title VI. Title VI refers to the entirety of the statutory, regulatory, and other directives related to the prohibition of discrimination in federally funded programs, including the requirements to address Environmental Justice. The MPO has considered and incorporated Title VI requirements and Environmental Justice principles during the development of this TIP as well as the long-range transportation plan. This section identifies the measures the MPO must take to ensure compliance with Title VI during all planning processes, especially the MPO's short-term TIP.

Under Title VI and related statutes, each federal agency is required to ensure that no person is excluded from participation in, denied the benefit of, or subjected to discrimination under any program or activity receiving federal financial assistance on the basis of race, color, national origin, age, sex, or disability. The Civil Rights Restoration Act of 1987 clarified the intent of Title VI to include all programs and activities of federal-aid recipients, subrecipients,

and contractors, whether those programs and activities are federally funded or not. ([http://www.fhwa.dot.gov/environment/environmental\\_justice/facts/](http://www.fhwa.dot.gov/environment/environmental_justice/facts/))

Transportation agencies that take a more proactive approach to the implementation of Title VI to identify and avoid disproportionately high and adverse effects on minority and low-income populations will reduce potential conflicts while simultaneously complying with other legislation.

Furthermore, the MPO has adopted a Title VI Documentation Limited English Proficiency Plan, as part of its Final 2018 Public Participation Plan for Huntsville Metropolitan Transportation Planning Area, that identifies procedures of communicating transportation plans to non-English speaking populations. The MPO also promotes diversity and equitability in the membership of the Citizens Advisory Committee.

## 9.0 LIVABILITY

Increasingly, federal and state agencies are using Performance Measures as a way of ensuring greater accountability for the expenditure of public funds in an ever-growing number of programs and activities across a variety of disciplines. Within the transportation sector and the planning processes associated with transportation infrastructure development, the Alabama Department of Transportation has adopted the Livability Principles and Indicators as a sustainability measurement against future actions.

All planning tasks must be measured against these **Livability Principles**:

- 1) Provide more transportation choices;
- 2) Promote equitable, affordable housing;
- 3) Enhance economic competitiveness;
- 4) Support existing communities;
- 5) Coordinate policies and leverage investment;
- 6) Value communities and neighborhoods

These **Livability Principles** have been measured against a series of **Livability Indicators** in many other MPO planning documents, such as the current TIP, the LRTP, and the UPWP.

For the purposes of the 2024-2027 TIP the MPO, in partnership with ALDOT, have developed **Livability Indicators** to better align the principles with new performance measurement metrics as well as additional factors not used in earlier MPO planning documents. These **Livability Indicators** are included in **Appendix F**, as well as the 2045 LRTP adopted in April 2020.

## 10.0 CONGESTION MANAGEMENT PROCESS (CMP)



As a designated TMA, the Huntsville-Area MPO is required to develop and maintain a comprehensive congestion management process.

In 2021, in conjunction with the development of a Regional Commuter Study, the MPO published an amended Congestion Management Plan, or CMP. The Congestion Management Plan is included in Chapter 7 of the Huntsville-Area MPO 2045 Transportation Plan.

The CMP details a series of strategies to alleviate traffic congestion, including Transportation System Management and Operations (TSMO) and Travel Demand Management (TDM) strategies. Several key corridors are listed for improvement in the CMP as part of the TSMO strategy and various alternative modes of transportation are encouraged as part of the TDM strategy.

## 11.0 ENVIRONMENTAL MITIGATION

Environmental mitigation activities must be considered as part of the development of the long-range transportation plan, in accordance with 23 USC 134, 49 USC 5303(i)(2)(D), 23 USC 135, and 49 USC 5304(f)(4). Since all transportation projects that are incorporated into the TIP must be taken from an approved long-range transportation plan, all projects presented in this document have already undergone a preliminary analysis for environmental concerns and mitigation activities. Transportation plans were considered and compared with other local, state, and federal agency generated plans, maps, and inventories. Discussions were also held with other agencies to determine any environmental concerns regarding the overall proposed future transportation network. The TIP provides a mechanism for further formal environmental work to be performed through the scheduling of preliminary engineering (PE) phases of each project.

## 12.0 CLIMATE CHANGE

According to the FHWA report Integrating Climate Change into the Transportation Process, there is general scientific consensus that the Earth is experiencing a long-term warming trend and that human-induced increases in atmospheric greenhouse gases (GHGs) may be the predominant cause. The combustion of fossil fuels is by far the biggest source of GHS emissions. In the United States, transportation is the largest source of GHG emissions, after electricity generation. Within the transportation sector, cars and trucks account for a majority of emissions.

Opportunities to reduce GHG emissions from transportation include switching to alternative fuels, using more fuel- efficient vehicles, and reducing the total number of miles driven. Each of these options requires a mixture of public and private sector involvement. Transportation planning activities, which influence how transportation systems are built and operated, can contribute to these strategies.

In addition to contributing to climate change, transportation will likely also be affected by climate change. Transportation infrastructure is vulnerable to predicted changes in sea level and increases in severe weather and extreme high temperatures. Long-term transportation planning will need to respond to these threats.

### **13.0 AIR QUALITY PLANNING**

In June of 2015, the Environmental Protection Agency had not changed the area’s air quality designation to nonattainment. A non-attainment designation means that an area does not meet national standards for ground level ozone, particulate matter, and/or carbon monoxide. In preparation for this possible designation, the MPO staff will be trained to learn how to manage new planning requirements.

As of 2022, the Huntsville Area MPO has met the requirements of the Clean Air Act and is in attainment status for the six principal pollutants set by the Environmental Protection Agency. Standards for ozone and fine particulate are currently under review. More information about the pollutants and their requirements can be found here: <https://www.epa.gov/criteria-air-pollutants/naaqs-table>. The standard for these pollutants is reviewed from time to time, though it is not currently under review.

### **14.0 FINANCIAL PLAN**

Projects in the TIP are financially constrained each fiscal year. The projects identified in the TIP can be implemented using current and proposed revenue sources that are reasonably expected to be in place when needed. Existing and anticipated revenues are the basis for the ALDOT Work Program and local Capital Improvement Plans. The plan includes highway, transit, aviation, bicycle and pedestrian facilities, and multi-use trails. The TIP also contains support from FHWA and FTA for projects related to interstate construction, interstate maintenance programs, and fixed guide-way modernization.

## 15.0 PROJECT SELECTION

Amendments and modifications other than for new projects can be requested quarterly at the Huntsville-Area MPO subcommittee and Board meetings. Requests for technical studies can be made at any time to be included in the next quarterly meeting. Amendment recommendations are reviewed and final changes are adopted by the MPO Board. Then the TIP will be submitted to ALDOT for approval and then Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). This process will be conducted in accordance with federal requirements in the MPO planning process.

## 16.0 CERTIFICATION

A joint review of the Huntsville-Area MPO's planning process is conducted with ALDOT. The signed and approved self-certification form is included in **Appendix G** of this document, in addition to answers to certification questions regarding the Statewide and MPO planning process.

The purpose of this review is to evaluate the effectiveness of the planning process and to determine its compliance with applicable federal and state requirements. The referenced parties jointly certify, pursuant to Code of Federal Regulations (CFR) Section 450.336 (b), "Metropolitan Transportation Planning Process: Certification," that the metropolitan transportation planning process in the Huntsville Urbanized Area is addressing the major issues facing the area and is being conducted in accordance with all applicable requirements.

23 CFR §450.334 requires that the Huntsville Area MPO and the State (concurrent with the submittal of the entire proposed TIP to the Federal Highway Administration and the Federal Transit Administration as part of the Statewide Transportation Plan (STIP) approval) shall certify at least every four years that the metropolitan planning process is being carried out in accordance with all applicable requirements, including:

- 23 USC 134, 49 USC 5303, and this subpart;
- Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR part 21;
- 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- Section 11101(e) of the IIJA (Public Law 112-141) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;



- The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- Section 324 of Title 23 USC regarding the prohibition of discrimination based on gender; and
- Section 504 of the Rehabilitation Act of 1973 (29 CFR 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

A 2023 self-certification questionnaire for the FY2024-2027 TIP and the MPO's responses are included as **Appendix G**.

## **17.0 REGIONALLY SIGNIFICANT PROJECTS**

The TIP is required to include all Regional Significant Projects (RSP) that are funded with federal and/or non-federal funds. All regionally significant projects that will be fully or partially funded with FHWA, FTA, and state funds are included in the project listings section of the TIP. Projects that are regionally significant and funded with other sources are in **Appendix E** of this document, as discussions among member jurisdictions as to the prioritization of new projects is ongoing.

The Huntsville Area MPO LRTP provides more information on these projects.

## **18.0 FREIGHT PLANNING**

The efficient movement of freight through the region plays an important role in the quality of life and economic vitality of the area. Therefore, planning for the effective transport of goods is a key component of the region's long-range transportation plan.

Currently, the urban area has excellent linkages between the Huntsville International Airport and the national highway system via I-565 which facilitate the movement of freight. The International Intermodal Center (IIC) is located at the airport and is connected by spur to a main line of the Norfolk Southern Railroad. However, there is currently no direct connection to the Tennessee/Tombigbee Waterway, which is approximately 5.5 miles south of the airport at the Tennessee River.

The various modes of transportation that are either available or are being investigated in the region are airports, air cargo, train freight, and truck freight. Each is an important component of an efficient intermodal freight transportation system.

In 2020 the Huntsville-Madison County Airport Authority completed an update to the Huntsville International Airport Master Plan in accordance with the requirements of the Federal Aviation Administration. The Authority works closely with the City of Huntsville's Comprehensive Master Plan, "The BIG Picture," to form a cohesive vision for the future. The plan includes a

short term (0-5 year), midterm (6-10 year) and long term (11-20-year) capital improvement program addressing future development of the airport.

## 19.0 PERFORMANCE MEASUREMENT

### **Background**

In compliance with the Joint Planning Rule from FHWA (23 CFR 450 and 771) and FTA (49 CFR 613), under the IIJA, State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) are to implement a performance-based approach to planning and programming activities. This includes setting data-driven performance targets for transportation performance measures. This approach supports the national goals for the federal-aid highway and public transportation programs. The seven goals are as follows: 1) Improving Safety, 2) Maintaining an Infrastructure Asset System in a State of Good Repair, 3) Reducing Traffic Congestion, 4) Improving the Efficiency of the Surface System, 5) Freight Movement and Economic Vitality, 6) Protecting the Environment, and 7) Reducing Project Delivery Delays.

Under the 23 CFR 490, the DOTs and MPOs are required to establish targets for applicable national performance measures. The Safety Performance Measures (PM1), Bridge/Pavement Measures (PM2), the System Performance Measures (PM3), and the FTA's Transit Asset Management (TAM) Targets have been set by ALDOT and the Huntsville-Area MPO. Some targets are required to be set on an annual basis while others are set on two (2)-year and four (4)-year cycles.

ALDOT and the MPOs, along with the Transit Providers, have a cooperative agreement in place to coordinate the development of the targets, the sharing of information related to the transportation performance measures, selection of targets, and reporting requirements.

**ALDOT Performance Measures & Targets**

<b>FHWA Safety Performance Measures (PM1) (Annual Targets)</b>	<b>Calendar Year 2023 Targets</b>	
Number of Fatalities	1,000	
Rate of Fatalities (per 100 million Vehicle Miles Traveled)	1.440	
Number of Serious Injuries	6,500	
Rate of Serious Injuries (per 100 million Vehicle Miles Traveled)	9.82	
Number of Non-motorized fatalities and serious injuries	400	
<b>FHWA Bridge/Pavement Performance Measures (PM2)</b>	<b>2-Year Target</b>	<b>4-Year Target</b>
% of Pavements of the Interstate System in Good Condition	>50%	>50%
% of Pavements of the Interstate System in Poor Condition	<5%	<5%
% of Pavements of the Non-Interstate NHS in Good Condition	>25%	>25%
% of Pavements of the Non-Interstate NHS in Poor Condition	<5%	<5%
% of NHS bridges in Good condition by deck area	>25%	>25%
% of NHS bridges in Poor condition by deck area	<3%	<3%
<b>FHWA System Performance Measures (PM3)</b>	<b>2-Year Target</b>	<b>4-Year Target</b>
% of Person-Miles Traveled on the Interstate that are Reliable	92.0%	92.0%
% of Person-Miles Traveled on the Non-Interstate NHS that are Reliable	90.0%	90.0%
Truck Travel Time Reliability (TTTR) Index on the Interstate	1.30	1.30

<b>FTA Transit Asset Management (TAM) Performance Measures</b>	<b>2022</b>
Paratransit Fleet	30% of Vehicle Fleet not to exceed 200,000 miles
Fixed Route Bus Fleet	30% of Vehicle Fleet not to exceed useful life in years
Facility Condition	Not greater than 20% of facilities fall below 3.0 condition rating

<b>FTA Transit Safety Performance Measures</b>	<b>Fatalities</b>	<b>Rate of Fatalities</b>	<b>Injuries</b>	<b>Rate of Injuries</b>	<b>Safety Events</b>	<b>Rate of Safety Events</b>	<b>Mean Distance between Major Mechanical Failures</b>
Fixed Route Bus	0	0	4	0.00000506	26	0.000033	6,700
Demand Response	0	0	8	0.00001705	21	0.000045	15,140

## **20.0 HUNTSVILLE-AREA MPO’S PROGRESS TOWARDS MEETING ALL PM TARGETS**

The Huntsville-Area MPO supports the ALDOT Performance Management targets by programming projects in the TIP that directly impact those targets. Each project listed in the TIP has a Performance Measurement indicator listed under the project which denotes which of ALDOT’s Performance Measurement targets each project supports.

## **21.0 BICYCLE AND PEDESTRIAN PLANNING**

The MPO updated the Bikeway Plan for the metropolitan planning area in 2021. Recognizing that cycling is vital to any integrated transport network, the plan seeks to provide links and resources within the larger transportation network. It does so by encouraging construction or development of dedicated and fixed facilities, on and off-road bike trails, as well as improvements to existing structures. The plan also focuses on encouraging safe travel on roads and highways that also accommodate motorized vehicles. Other efforts are geared toward providing linkages between residential neighborhoods, shopping areas, and central business districts or heavily trafficked urban centers.

Cycling provides a healthy, fast, and convenient mode of travel with minimal impact on the environment. The Huntsville MPO supports bicycle riding as an important part of the transport pedestrian mix and recognizes that a well-planned and integrated bicycle network can contribute to more accessible, sustainable, and connected communities. The plan also expands on the previous bicycle and pedestrian plan, by implementing strategies and techniques to improve the ridership and safety of bicyclists and pedestrians within the Huntsville Area MPO.



As for pedestrian planning, each member jurisdiction has ongoing sidewalk and greenway planning efforts. Each member jurisdiction is annually encouraged to apply for Transportation Alternatives (TA) funding. Current TA funded projects in the MPO area are listed in the Projects section of this TIP. Additionally, the MPO supports the regional greenway effort called the Singing River Trail, [www.singingrivertrail.com](http://www.singingrivertrail.com)

## 22.0 COMPLETE STREETS

Complete Streets is an approach to planning, designing, building, operating, and maintaining streets that enables safe access for all people who need to use them, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities. In 2018, the City of Huntsville adopted a comprehensive Complete Streets Policy. Equity, and a safe, accessible, and more balanced transportation network for all was integral to the policy. Its purpose is to guide decision-making and design processes to ensure that all users (pedestrians, bicyclists, automobiles, and transit) and context (urban and suburban; neighborhood and corridor; residential and commercial) are considered during the planning, design, construction, funding, and operation of the city's transportation network. The goals of the Complete Streets Policy are as follows:

- To establish new standards of practice for designing and implementing streets within the City of Huntsville;
- To improve connectivity for bicyclists and pedestrians throughout the city;
- To provide alternatives to those residents that cannot or choose not to drive, particularly seniors and children;
- To improve and enhance the public health and physical fitness of the city's residents;
- To make the roadway and street environment safer and more inviting;
- To maintain the fast and efficient movement of commuters, particularly around major employment centers;
- To ensure access to economic opportunity, particularly for those in poverty;
- To improve the performance of new development and redevelopment by improving the quality of the adjacent infrastructure and human-scale environment;
- To protect and preserve the environment by reducing emission of greenhouse gases and reducing the consumption of non-renewable energy resources.

With the new policy in place, the City approaches every planned transportation improvement as an opportunity to create safer and more accessible streets for all users. These include: all new construction and reconstruction projects of all city-owned transportation facilities in the public right-of-way, including but not limited to, streets, bridges, and all other connecting pathways, using Federal, State, or Local funds; resurfacing activities; and privately constructed

streets and drives, particularly if it is anticipated that they will link public facilities. The Policy states that the Complete Streets process is incorporated into all aspects of the transportation project development process. Furthermore, due to its regional impact, implementation of the policy necessitates collaboration among all regional partners and stakeholders affected by the implementation. The City partners with the State of Alabama, neighboring communities and counties, businesses, and school districts, to develop facilities and accommodations that further the City's Complete Streets policy.

In the City of Madison's 2018 Transportation Master Plan, the City included a Complete Streets goal, discussion, and example cross sections. The City is also currently working on a Comprehensive Plan Update, which is expected to include Complete Streets project updates and implementation strategies. Madison routinely now has sidewalks installed along almost all streets that serve residential and commercial traffic and multi-use paths installed along major collectors, such as County Line Road, and Hughes Road, as recommended in the Transportation Master Plan.

The Cities are also coordinating with MPO staff and consultants working on the Regional High-Capacity Transit Study regarding transit needs and opportunities, with initial goals outlined.

The MPO serves as a means to coordinate implementation of Complete Streets throughout the region. The Complete Streets policy applies to all users of the regional transportation system including: commuters; school children, buses, parents and staff; emergency services; people living with disabilities; utility and maintenance vehicles; cyclists; motorcycles; strollers; cars; pedestrians; transit users and the transit dependent; freight and trucking.

### **23.0 HOW TO USE THE TIP**

The normal project production sequence is to have a Project Design and Environment (PE) phase, a Utilities (UT) phase, a Right of Way (RW) phase and a Construction (CN) phase. In special circumstances, some projects may not need to include all phases.

Although some projects started before this TIP cycle and some projects will end after this TIP cycle, detailed project costs shown on the specific project pages only include costs for the next four years of the project. The total project cost shown on the bottom left of the project pages reflects the estimated cost of all phases, even those outside the scope of this TIP. A typical project page of the TIP is shown below with parts of the page highlighted.

ALDOT Project  
Reference Number

Project Title

100051834  
100051835

**CHURCH STREET BRIDGE**

Project  
Map



ALDOT Project Description

**Work Summary:** BRIDGES AND APPROACHES  
**From:** OVER BIG SPRING  
**To:** BIG SPRING PARK  
**Lead Agency:** CITY OF HUNTSVILLE **Length:** 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
UT	STP08	\$276,612 Fed	0	0	0	\$276,612
CN	STHVM	0	\$2,870,393 Fed \$717,598 Local	0	0	\$3,587,991
CN	STP08	0	\$252,000 Fed	0	0	\$252,000
CN	STP09	0	\$950,000 Fed	0	0	\$950,000
<b>Total</b>		<b>\$276,612</b>	<b>\$4,789,991</b>	<b>0</b>	<b>0</b>	<b>\$5,066,603</b>

Funding  
Table

**Prior Phases:** 100051832 (PE FY 2009);  
100051833 (RW FY 2019)  
**Future Phases:** None

<b>Prior Year Cost</b>	\$768,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$5,834,604

Project  
History/Future  
Phases and  
Total Project  
Cost

**Applicable Performance Measurements:** PM 1 Safety, PM 2  
Pavement Condition  
**Applicable Livability Principles:** LP 1 Transportation Choice; LP 4  
Existing Communities; LP 5 Leverage Investments

Performance  
Measurements/Livability  
Principles applicable to Project

## Annual Listing of Obligated Projects

Sponsor: ALDOT

Program	Table No.	FA Nbr.	Project Number	Scope	Length (miles)	Start Date	Type of Work	% Engineer Estimate	Fed. Obligated	Fed. Expenditure	Balance
NH	3	NH 0001(610)	100004926	CN	0.629	04/07/2023	ADDITIONAL ROADWAY LANES	\$38,374,641	\$35,323,247	\$761,961	\$34,561,286
<b>Project Description:</b> ADDITIONAL LANES ON SR-1 (MEMORIAL PARKWAY) FROM 0.31 MI S OF CR-75 (MASTIN LAKE RD) TO CR-65 (WINCHESTER RD) INCLUDING AN OVERPASS AT CR-75 AND ACCESS IMPROVEMENTS TO CR-65											
CVHV	12	CRSAHV-STPAA-STPHV 4520(251)	100055286	CN	1.400	09/29/2023	ADDITIONAL ROADWAY LANES	\$10,749,511	\$2,807,251	\$0	\$2,807,251
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											
ST	2	CRSAHV-STPAA-STPHV 4520(251)	100055286	CN	1.400	09/29/2023	ADDITIONAL ROADWAY LANES	\$8,599,609	\$8,724,983	\$0	\$8,724,983
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											
STA	2	CRSAHV-STPAA-STPHV 4520(251)	100055286	CN	1.400	09/29/2023	ADDITIONAL ROADWAY LANES	\$8,599,609	\$0	\$0	\$0
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											
ULHV	1	CRSAHV-STPAA-STPHV 4520(251)	100055286	CN	1.400	09/29/2023	ADDITIONAL ROADWAY LANES	\$8,599,609	\$8,185,791	\$0	\$8,185,791
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											
ULHV1	1	CRSAHV-STPAA-STPHV 4520(251)	100055286	CN	1.400	09/29/2023	ADDITIONAL ROADWAY LANES	\$8,599,609	\$4,156,226	\$0	\$4,156,226
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											

Sponsor: TBD

Program	Table No.	FA Nbr.	Project Number	Scope	Length (miles)	Start Date	Type of Work	% Engineer Estimate	Fed. Obligated	Fed. Expenditure	Balance
SAF	11	HRRR 4523 (250)	100075937	CN	0.173	07/28/2023	GUARDRAIL	\$360,128	\$360,128	\$310	\$359,818
<b>Project Description:</b> INSTALLATION OF GUARDRAIL AND GUARDRAIL END ANCHORS AT SITE 1 (BIN 001858 AND BIN 002487) ON ELKWOOD SECTION ROAD OVER BRIER FORK FLINT RIVER; SITE 2 (BIN 001510) ON PULASKI PIKE OVER BEAVERDAM CREEK											
ST	2	STPAA 4520 (251)	100071390	UT	1.400	05/01/2023	ADDITIONAL ROADWAY LANES	\$1,297,445	\$1,297,445	\$0	\$1,297,445
<b>Project Description:</b> ADDITIONAL LANES ON CR-999 (JAMES RECORD RD) FROM LARACY DRIVE TO TRADEMARK DRIVE AND ON CR-11 (MARTIN RD) FROM TRADEMARK DRIVE TO CR-12 (OLD JIM WILLIAMS RD)											
NH	3	NH 0053(602)	100073882	FM	2.020	01/27/2023	PREVENTATIVE MAINTENANCE LEVEL 2	\$1,923,543	\$1,477,250	\$84,907	\$1,392,344
<b>Project Description:</b> RESURFACING ON SR-53 IN HUNTSVILLE FROM THE BEGINNING OF THE RIGHT TURN LANE FOR BLAKE BOTTOM ROAD (MP 322.900) TO 0.47 MILES NORTH OF SR-255 (MP 324.920)											



## Annual Listing of Obligated Projects

NHA	3	NH 0053(602)	100073882	FM	2.020	01/27/2023	PREVENTATIVE MAINTENANCE LEVEL 2	\$1,923,543	\$0	\$1,255,267	(\$1,255,267)
<b>Project Description:</b> RESURFACING ON SR-53 IN HUNTSVILLE FROM THE BEGINNING OF THE RIGHT TURN LANE FOR BLAKE BOTTOM ROAD (MP 322.900) TO 0.47 MILES NORTH OF SR-255 (MP 324.920)											
NH	3	NH 0001(628)	100073879	FM	5.760	02/24/2023	PAVEMENT MINOR REHABILITATION	\$5,157,436	\$4,655,407	\$149,387	\$4,506,020
<b>Project Description:</b> RESURFACING ON SR-1 (US-231/US-431) FROM CEDARAMA DRIVE NW TO GRIMWOOD ROAD/WALKER LANE											
NHA	3	NH 0001(628)	100073879	FM	5.760	02/24/2023	PAVEMENT MINOR REHABILITATION	\$5,157,436	\$0	\$701	(\$701)
<b>Project Description:</b> RESURFACING ON SR-1 (US-231/US-431) FROM CEDARAMA DRIVE NW TO GRIMWOOD ROAD/WALKER LANE											
RAA2	12	ATRP2-45-2021-045 ()	100073306	CN	0.000	08/25/2023	TURN LANES	\$0	\$0	\$0	\$0
<b>Project Description:</b> ADDING TURN LANES AND TRAFFIC SIGNAL IMPROVEMENTS AT SITE 1: SR-53 AT HARVEST ROAD AND SITE 2: SR-53 FROM MCKEE ROAD TO OLD RAILROAD BED ROAD											
CR	12	CRPIM I565 (320)	100072418	CN	20.823	12/02/2022	INTELLIGENT TECHNOLOGY SYSTEMS	\$5,121,893	\$5,121,893	\$4,515	\$5,117,379
<b>Project Description:</b> ADVANCED CORRIDOR MANAGEMENT TSMO ON: I-565 FROM THE OFF RAMP AT MOORESVILLE ROAD (MP 1.100) TO SR-2 (US-72) (MP 21.800)											
IM	3	CRPIM I565 (320)	100072418	CN	20.823	12/02/2022	INTELLIGENT TECHNOLOGY SYSTEMS	\$5,121,893	\$988,446	\$0	\$988,446
<b>Project Description:</b> ADVANCED CORRIDOR MANAGEMENT TSMO ON: I-565 FROM THE OFF RAMP AT MOORESVILLE ROAD (MP 1.100) TO SR-2 (US-72) (MP 21.800)											
RSP	11	RHPD RR21 (921)	100073530	CN	0.000	08/15/2023	RR CROSSING SIGNS	\$587,123	\$587,123	\$0	\$587,123
<b>Project Description:</b> RR XING IMPRV FOR (1) STANDARD MAST MOUNTED SIGNAL (1) ADDITIONAL STANDARD MAST MOUNTED SIGNAL ON A CONCRETE MEDIAN (2) BELLS (2) CROSSBUCKS (2) 6X6 EQUIPMENT HOUSES AND GRADE CROSSING PREDICTORS ON PRATT AVE. AT DOT731804G NS RR. REF NO. 1428											
RSP	11	RHPD-STPHV RR17(910)	100066585	CN	0.000	07/15/2023	RR CROSSING IMPROVEMENTS	\$344,570	\$344,570	\$0	\$344,570
<b>Project Description:</b> RAILROAD CROSSING IMPROVEMENTS INCLUDING SIGNALS BELLS GATES GCPS PREEMPTION AND CROSSING SURFACE CONCRETE PANELS ON CR-11 (JAMES RECORD ROAD) AT HUNTSVILLE MADISON COUNTY AIRPORT AUTHORITY (HMCAA) REF. 1334 DOT 736-007H											
ULHV	1	RHPD-STPHV RR17(910)	100066585	CN	0.000	07/15/2023	RR CROSSING IMPROVEMENTS	\$275,656	\$240,000	\$0	\$240,000
<b>Project Description:</b> RAILROAD CROSSING IMPROVEMENTS INCLUDING SIGNALS BELLS GATES GCPS PREEMPTION AND CROSSING SURFACE CONCRETE PANELS ON CR-11 (JAMES RECORD ROAD) AT HUNTSVILLE MADISON COUNTY AIRPORT AUTHORITY (HMCAA) REF. 1334 DOT 736-007H											
TA	5	TAPAA TA23 (902)	100076073	PE	0.000	04/01/2023	SIDEWALK	\$68,897	\$68,897	\$7,722	\$61,176
<b>Project Description:</b> MULTI-USE PATH ALONG WALKER ST. FROM THE MUNICIPAL PARK TO GURLEY PIKE ALONG GURLEY PIKE FROM WALKER ST. TO SR-2 (US-72) ALONG SR-2 (US-72) FROM GURLEY PIKE TO THE UNITED STATES POST OFFICE											
SAF	11	HSIP 0002 (603)	100076250	PE	7.250	07/01/2023	SAFETY IMPROVEMENTS	\$810,000	\$810,000	\$0	\$810,000
<b>Project Description:</b> ACCESS MANAGEMENT ALONG SR-2(US-72) FROM 0.25 MILES WEST OF SHIELDS ROAD TO 0.75 MILES EAST OF BROCK ROAD INCLUDING SIGNAL MODIFICATIONS AT SHIELDS ROAD AND R-CUT IMPROVEMENTS AT JORDAN RD DUG HILL RD AND BROCK RD.											
UMTAC	9	UMTAC TR23 ()	100076895	TR	0.000	06/01/2023	UNCLASSIFIED	\$254,172	\$254,172	\$0	\$254,172
<b>Project Description:</b> SECTION 5310 TRANSIT THE ARC OF MADISON COUNTY (RURAL) CAPITAL ROLLING STOCK (5 MV-RL) FY-23											
STATE	7	ST-045-000-016 ()	100073951	CN	0.000	08/15/2023	TURN LANES	\$0	\$0	\$0	\$0
<b>Project Description:</b> PRB ST FUNDS TO BE APPLIED AFTER ALL ATRP2 FUNDS ON PROJECT ATRP2-45-2021-045 AS PER AGREEMENT.											
UMTAC	9	UMTAC TR23()	100077344	TR	0.000	09/01/2023	UNCLASSIFIED	\$344,001	\$344,001	\$0	\$344,001

## Annual Listing of Obligated Projects

**Project Description:** SECTION 5310 TRANSIT ARC OF MADISON - CITY OF HUNTSVILLE (URBAN) CAPITAL ROLLING STOCK FY-23 (SPLIT W/ 2021-012 AND 2021-017)

UMTAC	9	UMTAC TR23(	100077345	TR	0.000	09/01/2023	UNCLASSIFIED	\$41,512	\$41,512	\$0	\$41,512
-------	---	-------------	-----------	----	-------	------------	--------------	----------	----------	-----	----------

**Project Description:** SECTION 5310 TRANSIT ARC OF MADISON - CITY OF HUNTSVILLE (URBAN) CAPITAL ROLLING STOCK - 100% CRRSAA FUNDING (SPLIT W/ 2017-017)

UMTAC	9	UMTAC TR23	100077346	TR	0.000	09/01/2023	UNCLASSIFIED	\$41,512	\$41,512	\$0	\$41,512
-------	---	------------	-----------	----	-------	------------	--------------	----------	----------	-----	----------

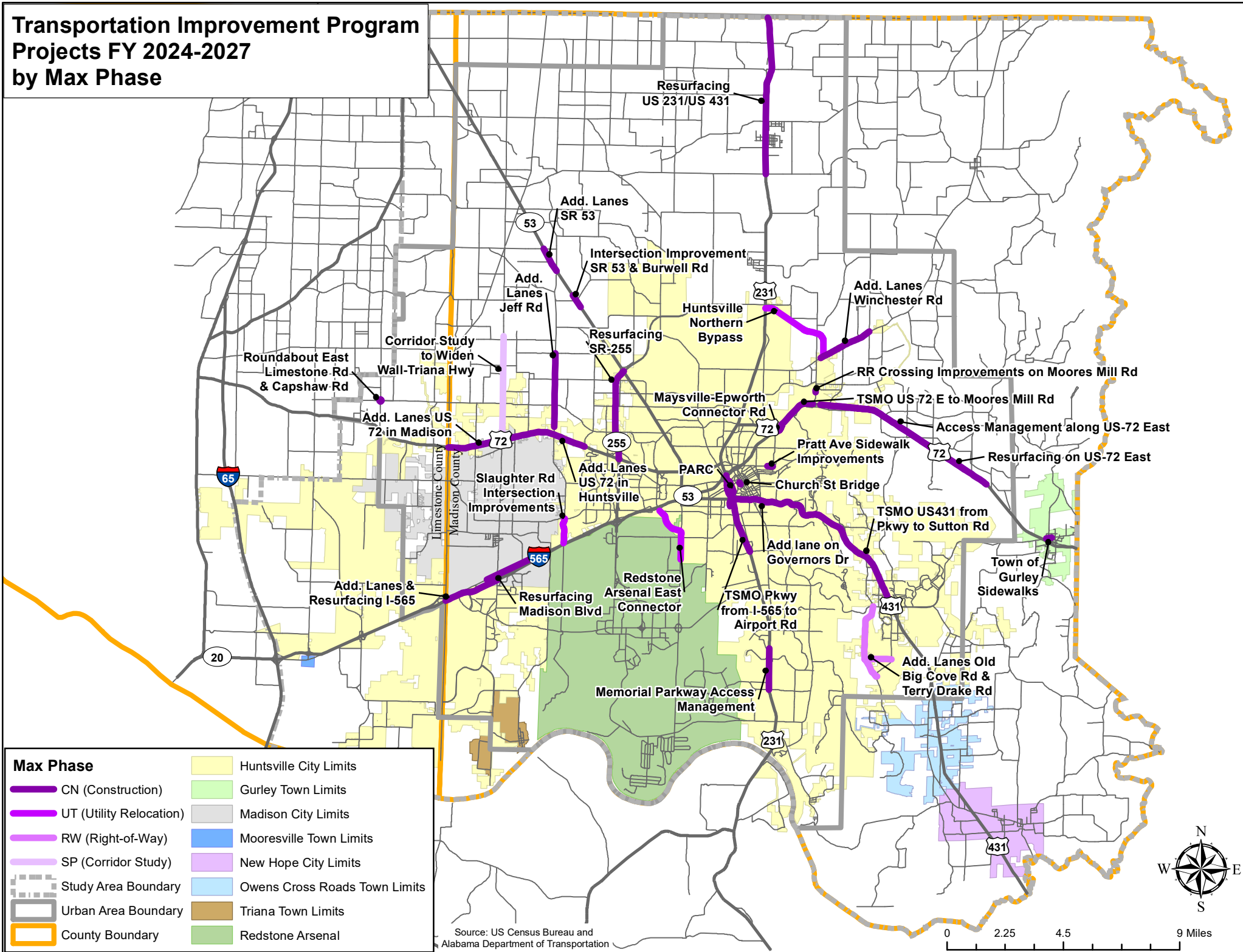
**Project Description:** SECTION 5310 TRANSIT ARC OF MADISON - CITY OF HUNTSVILLE (URBAN) CAPITAL ROLLING STOCK - 100% ARPA FUNDING (SPLIT W/ 2021-012 AND 2023-007)

UMTAC	9	UMTAC TR23	100077347	TR	0.000	09/01/2023	UNCLASSIFIED	\$20,624	\$20,624	\$0	\$20,624
-------	---	------------	-----------	----	-------	------------	--------------	----------	----------	-----	----------

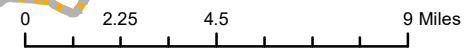
**Project Description:** SECTION 5310 TRANSIT ARC OF MADISON - CITY OF HUNTSVILLE (URBAN) CAPITAL ROLLING STOCK (SPLIT W/ 2021-017 AND 2023-007)

# Part 2 Projects

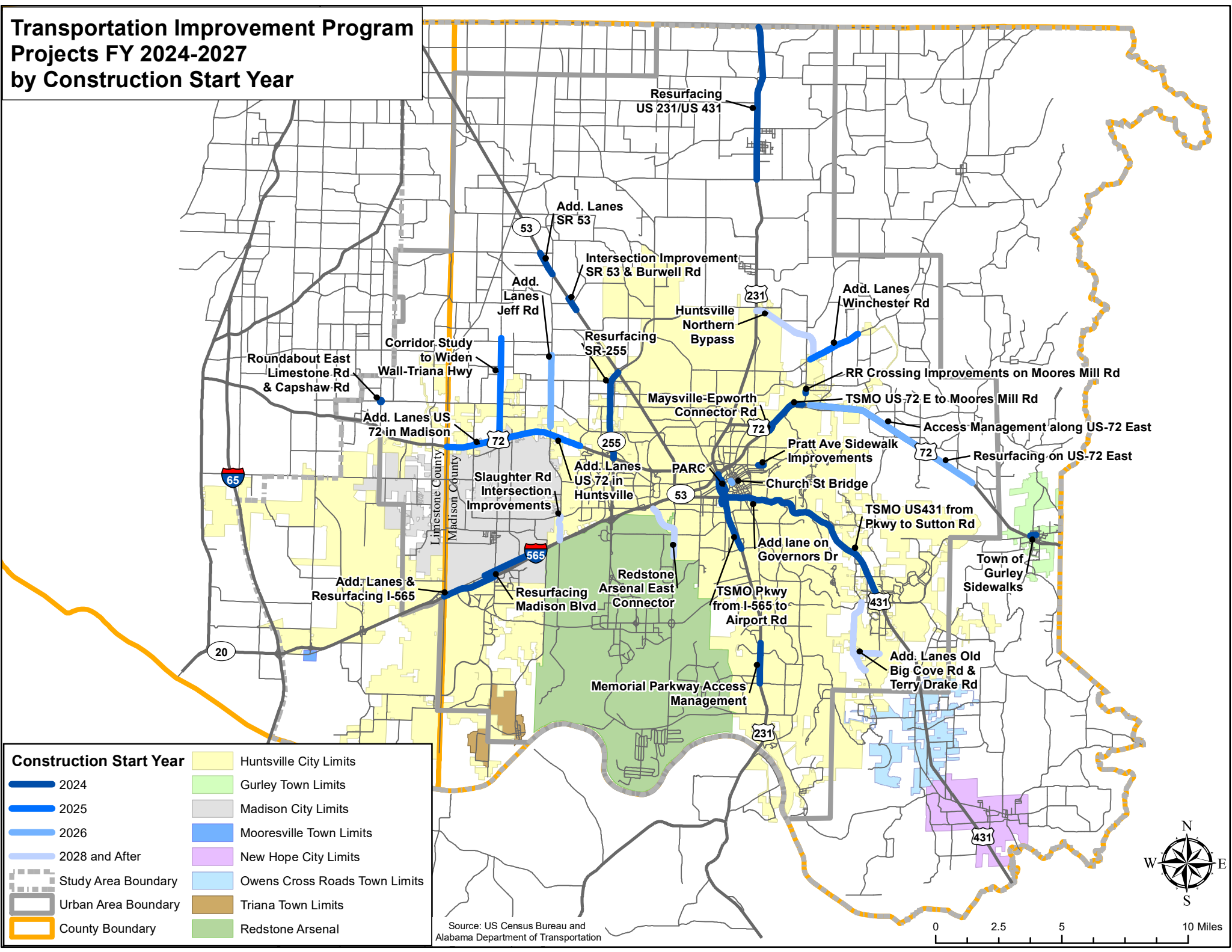
# Transportation Improvement Program Projects FY 2024-2027 by Max Phase



Source: US Census Bureau and Alabama Department of Transportation



# Transportation Improvement Program Projects FY 2024-2027 by Construction Start Year



Construction Start Year	
<span style="color: darkblue;">█</span>	2024
<span style="color: blue;">█</span>	2025
<span style="color: lightblue;">█</span>	2026
<span style="color: verylightblue;">█</span>	2028 and After
<span style="border: 1px dashed gray; display: inline-block; width: 10px; height: 10px;"></span>	Study Area Boundary
<span style="border: 1px solid gray; display: inline-block; width: 10px; height: 10px;"></span>	Urban Area Boundary
<span style="border: 2px solid orange; display: inline-block; width: 10px; height: 10px;"></span>	County Boundary
<span style="background-color: yellow; display: inline-block; width: 10px; height: 10px;"></span>	Huntsville City Limits
<span style="background-color: lightgreen; display: inline-block; width: 10px; height: 10px;"></span>	Gurley Town Limits
<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	Madison City Limits
<span style="background-color: lightblue; display: inline-block; width: 10px; height: 10px;"></span>	Mooreville Town Limits
<span style="background-color: purple; display: inline-block; width: 10px; height: 10px;"></span>	New Hope City Limits
<span style="background-color: cyan; display: inline-block; width: 10px; height: 10px;"></span>	Owens Cross Roads Town Limits
<span style="background-color: brown; display: inline-block; width: 10px; height: 10px;"></span>	Triana Town Limits
<span style="background-color: green; display: inline-block; width: 10px; height: 10px;"></span>	Redstone Arsenal

Source: US Census Bureau and Alabama Department of Transportation



## CPMS Project Descriptions

Information concerning all transportation improvements originating in CPMS is input by the State of Alabama Department of Transportation in cooperation and coordination with the local MPOs. CPMS project descriptions specify the parameters of the project from beginning to end. CPMS projects are categorized by funding source, and each funding source must show financial constraint. Prior to the FAST Act, each federally apportioned program had its own formula for distribution and the total amount of federal assistance a state received was the sum of the amounts it received for each program. The FAST Act (and subsequent IIJA) instead provided a total apportionment for each State and then divides that State amount among individual apportioned programs to fund five formula programs (including certain set asides within the programs described below):

- National Highway Performance Program (NHPP)
- Surface Transportation Program (STP)
- Highway Safety Improvement Program (HSIP)
- Congestion Mitigation and Air Quality Improvement Program (CMAQ) and
- Metropolitan Planning Program

All road improvement projects are selected by the ALDOT with the exception of **Surface Transportation Attributable Projects** and **Carbon Reduction Program (CRP) Attributable Projects**. Before each individual funding source is defined, it is imperative to clearly explain the Surface Transportation Program funds, as monies made available through this program are split multiple ways.

Specific descriptions of each project type listed in the TIP and shown in the tables developed by CPMS follow below:

**Table 2.1: Surface Transportation Attributable Projects** – Surface Transportation is a Federal-aid highway funding program that funds a broad range of surface transportation capital needs, including many roads, transit, seaport and airport access, vanpool, bicycle, and pedestrian facilities. This funding was originally established under TEA-21 and reinforced in subsequent Federal transportation bills. An example would be: projects using funds coded **STPHV** in CPMS indicates *Surface Transportation Urban Area funding for Huntsville, AL*.

**Table 2.2: Other Surface Transportation Program Projects** – Surface Transportation funding has been discussed earlier. In addition, there are at least 37 different codes for fund sourcing under the category of *Other* Surface Transportation funding. These types of funds may be used for capacity, bridge work, intersection, and other operational improvements. In CPMS, for example, coding of **STPAA** indicates *Surface Transportation Program Any Area*.

**Table 2.3: National Highway System/Interstate Maintenance/NHS Bridge Projects** – The National Highway System (NHS) includes the Interstate Highway System as well as other roads important to the nation's economy, defense, and

mobility. The NHS was developed by the Department of Transportation (DOT) in cooperation with the states, local officials, and metropolitan planning organizations (MPOs). This category now includes Interstate Maintenance activities as well as the NHS bridges.

**Table 2.4: Appalachian Highway System Projects** – TEA-21 provided funding under Section 1117 for funding of highway corridor projects in 13 states, including Alabama, to promote economic development.

**Table 2.5: Transportation Alternatives**– This program was authorized under MAP-21 (Section 1122) and replaces most of the project activities under SAFETEA-LU Transportation Enhancement guidelines and provides some flexibility in shifting fund to and from other programs, a feature not available under the former program.

**Table 2.6: Bridge Projects (State and Federal)** – This includes new facility construction, existing bridge repair, and/or replacement. Projects selected by ALDOT are based on regional needs, maintenance and inspection criteria (sufficiency ratings), and available funding. If sufficiency ratings fall below a certain point, the bridge is automatically scheduled for repair or replacement.

**Table 2.7: State Funded Projects** – These are typically smaller projects or phases of larger projects for which there is no Federal funding available, a county or municipality is participating with the state to proceed on a project rather than wait on Federal assistance (funds either not available or cannot be used on a certain project type), or in which the state simply chooses to do certain projects or project types with state funds. Existing project examples would include a resurfacing, patching, and striping project within a municipal city limits, a training program on non-reimbursable state grant, DBE training extended beyond Federal funding limits, or industrial access.

**Table 2.8: Enhancement Projects** – This category was eliminated in MAP-21, with many of the activities covered under the **Transportation Alternatives (TAP) program** (see 2.5). Table 2.8 remains in place, however, because there is still funding available under this program and the category will be deleted once funding is exhausted.

**Table 2.9: Transit Projects** – Local transit operators provide projects to the MPOs in priority order, and they in turn use these to develop a Four- or Five-Year Transit Development Plan (TDP). Transit projects are required for the Long-Range Transportation Plan (LRTP) and the Transportation Improvement Program (TIP), and typically appear in these documents as *funding actions*, and carrying an ALDOT project number.

Transit projects are typically funded through grants awarded by the Federal Transit Administration (FTA). These awards and source for program descriptions are available at <http://www.fta.dot.gov/about/15035.html>.

**Table 2.10: System Maintenance Projects** – Roadway and bridge maintenance is provided according to system specifications, facility-life maintenance scheduling, and available funding.

**Table 2.11: Safety Projects** – IIJA provides continuity from FAST Act, MAP-21 and the SAFETEA-LU and original TEA-21 Highway Safety Improvement Program (HSIP) to continue comprehensive funding to states for specific types of projects. The program requires a state to develop a Statewide Highway Safety Plan (SHSP) and projects must be included in the plan.

**Table 2.12: Other Federal and State Aid Projects** – This is a miscellaneous category for projects that do not fit easily into other categories. Examples include the Federal Lands Aid Program (FLAP) and RAISE grant projects.

**Table 2.13: Congestion Mitigation and Air Quality Projects (CMAQ)** – These funds may be used for transportation projects and programs that are likely to contribute to the attainment of national ambient air quality standards per the Intermodal Surface Transportation Act of 1991, and continued by the subsequent Federal transportation funding bills. As an attainment area, the Huntsville Area MPO **does not** qualify for this funding as of the adoption of this TIP.

**Table 2.14: High Priority and Congressional Earmarks Projects** – High Priority funding is project-specific funding provided by TEA-21, extended by subsequent Federal transportation funding bills. Congressional Earmarks are legislative actions providing funding for a specific purpose or project outside the normal funding allocation process. Although High Priority funding continues, *Congressional Earmark* designation remains only because some projects under this designation have not been completed.

**Table 2.15: Carbon Reduction (CRP) Attributable Projects:** The IIJA provided MPOs designated Carbon Reduction funds to be used on projects designed to reduce transportation emissions. The projects in this category will use the MPO’s attributable CRP funding (Funding code **CRPHV**).

**Table 2.16: Other Carbon Reduction Program projects:** State DOT’s were also provided Carbon Reduction funds to be used anywhere in the state. (Funding code **CRPAA**)

*NOTE: Any projects not authorized by August 16, 2023 (the date of Final TIP adoption by the MPO Policy Board) are shown in these tables in FY 2024.*

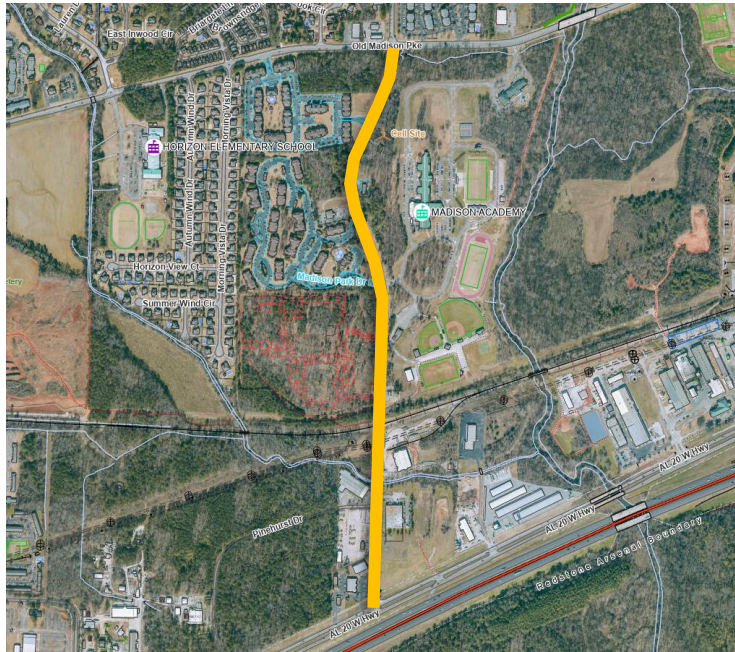


# Table 2.1

## Surface Transportation Attributable Projects

100062240  
100062253  
100062254

# INTERSECTION IMPROVEMENTS ON SLAUGHTER ROAD



## Work Summary: INTERSECTION IMPROVEMENTS

From: MADISON BLVD.

To: OLD MADISON PIKE

Lead Agency: CITY OF HUNTSVILLE

Length: 1.19 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
PE	STHVE	0	\$640,000 Fed \$160,000 Local	0	0	\$800,000
RW	STHVE	0	0	\$844,000 Fed \$211,000 Local	0	\$1,055,000
UT	STHVE	0	0	0	\$1,144,000 Fed \$286,000 Local	\$1,430,000
<b>Total</b>		<b>0</b>	<b>\$800,000</b>	<b>\$1,055,000</b>	<b>\$1,430,000</b>	<b>\$3,285,000</b>

Prior Phases: None

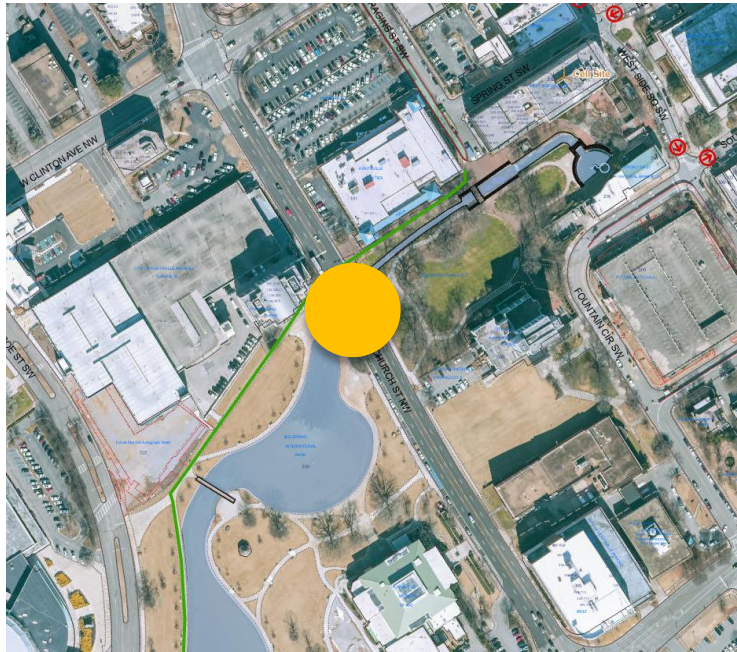
Future Phases: 100062255 (CN FY2028)

Prior Year Cost	0
Future Year Cost	\$11,000,000
<b>Total Project Cost (all years):</b>	<b>\$14,285,000</b>

Applicable Performance Measurements: PM 1 Safety, PM 2 Pavement Condition

Applicable Livability Principles: LP 3 Economic Competitiveness

**100051834 CHURCH STREET BRIDGE**  
**100051835**



**Prior Phases:** 100051832 (PE FY 2009);  
 100051833 (RW FY 2019)  
**Future Phases:** None

<b>Prior Year Cost</b>	\$768,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$5,834,604

**Work Summary:** BRIDGES AND APPROACHES  
**From:** OVER BIG SPRING  
**To:** BIG SPRING PARK  
**Lead Agency:** CITY OF HUNTSVILLE

**Length:** 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
UT	STP08	0	\$276,612 Fed	0	0	\$276,612
CN	STHVM	0	0	\$2,870,393 Fed \$717,598 Local	0	\$3,587,992
CN	STP08	0	0	\$252,000 Fed	0	\$252,000
CN	STP09	0	0	\$950,000 Fed	0	\$950,000
<b>Total</b>		<b>0</b>	<b>\$276,612</b>	<b>\$4,789,991</b>	<b>0</b>	<b>\$5,066,604</b>

**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition

**Applicable Livability Principles:** LP 1 Transportation Choice; LP 4 Existing Communities; LP 5 Leverage Investments

# 100070585 REDSTONE ARSENAL EAST CONNECTOR

## 100070586



**Work Summary: NEW ROADWAY**

**From: I-565**

**To: REDSTONE ARSENAL GATE 10 (PATTON ROAD GATE)**

**Lead Agency: CITY OF HUNTSVILLE**

**Length: 2.3 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
RW	ULHV	\$800,000 Fed \$200,000 Local	0	0	0	\$1,000,000
UT	ULHV	0	\$1,600,000 Fed \$400,000 Local	0	0	\$2,000,000
<b>Total</b>		<b>\$1,000,000</b>	<b>\$2,000,000</b>	<b>0</b>	<b>0</b>	<b>\$3,000,000</b>

**Prior Phases: 100070584 (PE FY2020)**

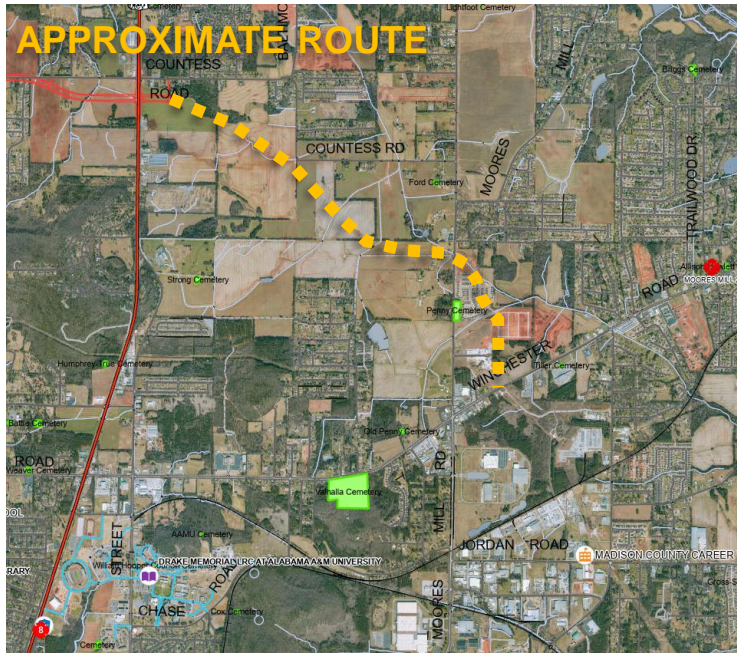
**Future Phases: 100070587 (CN FY2028)**

<b>Prior Year Cost</b>	\$2,823,252
<b>Future Year Cost</b>	\$30,000,000
<b>Total Project Cost (all years):</b>	<b>\$35,823,252</b>

**Applicable Performance Measurements: PM 1 Safety**

**Applicable Livability Principles: LP 3 Economic Competitiveness**

**100062235 HUNTSVILLE NORTHERN BYPASS**  
**100062236**  
**100062237**



**Work Summary: ADDITIONAL ROADWAY LANES**  
**From: 1500 FEET EAST OF SR-1 (US 231/431) INTERSECTION**  
**To: WINCHESTER ROAD**  
**Lead Agency: CITY OF HUNTSVILLE** **Length: 6.06 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
PE	STHVE	\$1,600,000 Fed \$400,000 Local	0	0	0	\$2,000,000
RW	STHVE	0	\$1,520,000 Fed \$380,000 Local	0	0	\$1,900,000
UT	STHVE	0	0	0	\$1,505,600 Fed \$376,400 Local	\$1,882,000
<b>Total</b>		<b>\$2,000,000</b>	<b>\$1,900,000</b>	<b>0</b>	<b>\$1,882,000</b>	<b>\$5,782,000</b>

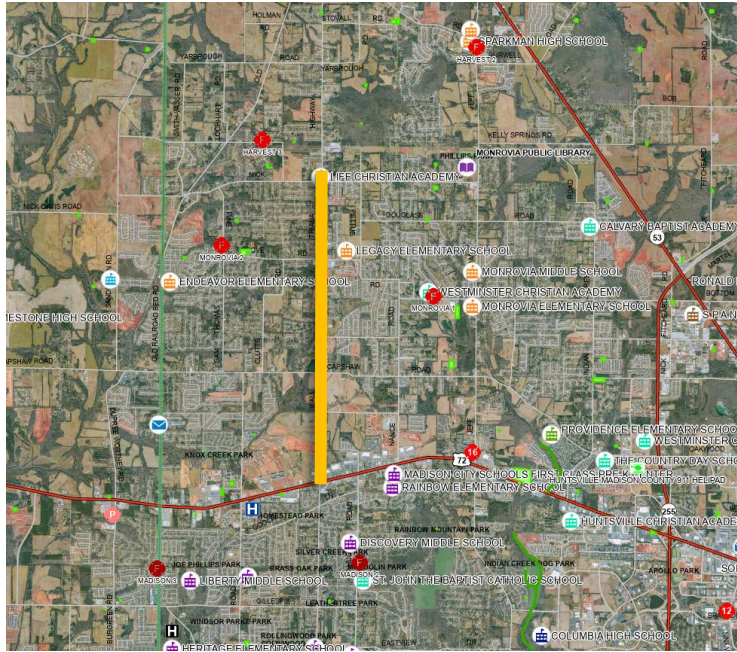
**Prior Phases: None**  
**Future Phases: 100062238 (CN FY2029)**

<b>Prior Year Cost</b>	\$0
<b>Future Year Cost</b>	\$25,000,000
<b>Total Project Cost (all years):</b>	\$30,782,000

**Applicable Performance Measurements: PM 3 NHS Performance**  
**Applicable Livability Principles: LP 3 Economic Competitiveness**

100066076

# CORRIDOR STUDY FOR WIDENING OF WALL-TRIANA HIGHWAY



## Work Summary: CORRIDOR STUDY

From: SR-2 (US-72)

To: 500 FEET NORTH OF NICK DAVIS ROAD

Lead Agency: TBD

Length: 3.88 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
SP	ULHV	0	\$250,000 Fed \$62,500 Local	0	0	\$312,500
<b>Total</b>		<b>0</b>	<b>\$312,500</b>	<b>0</b>	<b>0</b>	<b>\$312,500</b>

Prior Phases: None

Future Phases: None

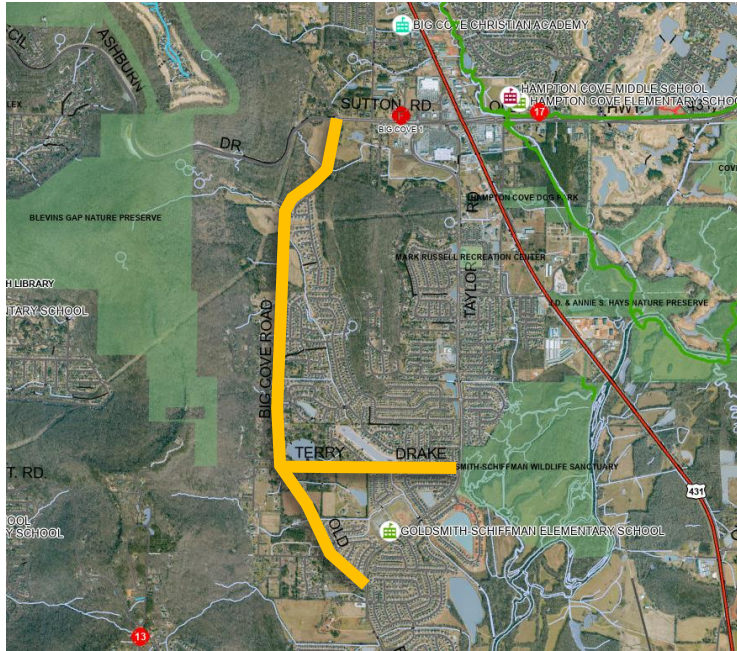
Prior Year Cost	0
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$312,500</b>

Applicable Performance Measurements: PM 1 Safety

Applicable Livability Principles: LP 3 Economic Competitiveness

100077103  
100077104

# ADDITIONAL LANES ON OLD BIG COVE ROAD AND TERRY DRAKE ROAD



## Work Summary: ADDITIONAL ROADWAY LANES

From: SUTTON ROAD

To: TAYLOR ROAD

Lead Agency: TBD

Length: 4 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
PE	STPHV	\$2,000,000 Fed \$500,000 Local	0	0	0	\$2,500,000
RW	STPHV	0	0	\$2,500,000 Fed \$625,000 Local	0	\$3,125,000
<b>Total</b>		<b>\$2,500,000</b>	<b>0</b>	<b>\$3,125,000</b>	<b>0</b>	<b>\$5,625,000</b>

Prior Phases: None

Future Phases: 100077105 (UT FY2028);

100077106 (CN FY2030)

Prior Year Cost	0
Future Year Cost	\$37,500,000
<b>Total Project Cost (all years):</b>	<b>\$43,125,000</b>

Applicable Performance Measurements: PM 1 Safety, PM 2

Pavement Condition

Applicable Livability Principles: LP 3 Economic Competitiveness

# Table 2.2

## Other Surface Transportation Program Projects



# 100074512    ADDITIONAL LANES ON WINCHESTER ROAD

## 100061222



### Work Summary: ADDITIONAL ROADWAY LANES

From: DOMINION CIRCLE

To: NAUGHER ROAD

Lead Agency: CITY OF HUNTSVILLE

Length: 2.3 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
UT	ULHV	\$4,800,000 Fed \$1,200,000 Local	0	0	0	\$6,000,000
CN	A2RDY	0	\$10,385,000 Fed \$5,115,000 Local	0	0	\$15,500,000
CN	STPHV	0	\$10,000,000 Fed \$2,500,000 Local	0	0	\$12,500,000
<b>Total</b>		<b>\$6,000,000</b>	<b>\$28,000,000</b>	<b>0</b>	<b>0</b>	<b>\$34,000,000</b>

Prior Phases: 100048021 (PE FY2007); 100040795 (RW FY2015)

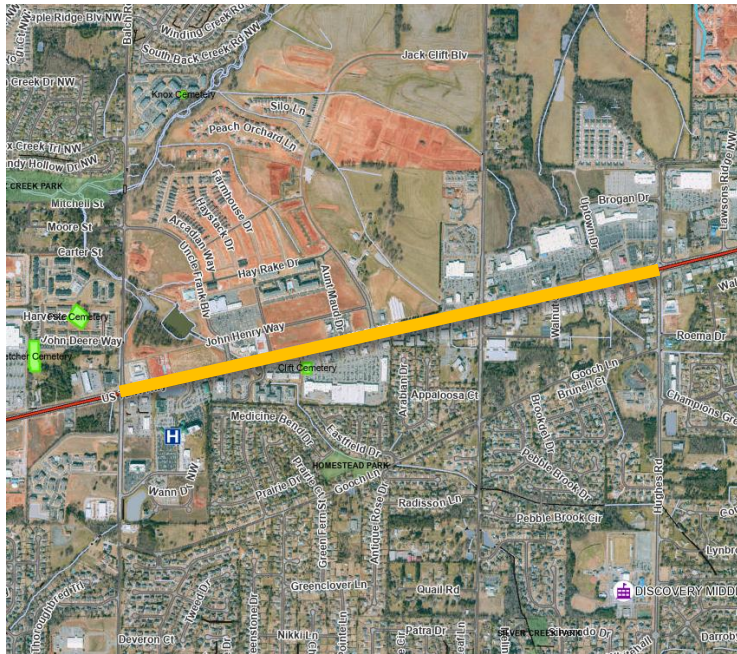
Future Phases: None

Prior Year Cost	\$2,500,000
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$36,500,000</b>

**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition, PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness

# 100061224 ADDITIONAL LANES ON SR-2 (US-72) IN THE CITY LIMITS OF MADISON



## Work Summary: ADDITIONAL ROADWAY LANES

From: BALCH ROAD

To: HUGHES ROAD

Lead Agency: CITY OF MADISON

Length: 1.55 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	A2RDY	0	\$4,399,890 Fed \$2,167,110 Local	0	0	\$6,567,000
<b>Total</b>		<b>0</b>	<b>\$6,567,000</b>	<b>0</b>	<b>0</b>	<b>\$6,567,000</b>

Prior Phases: None

Future Phases: None

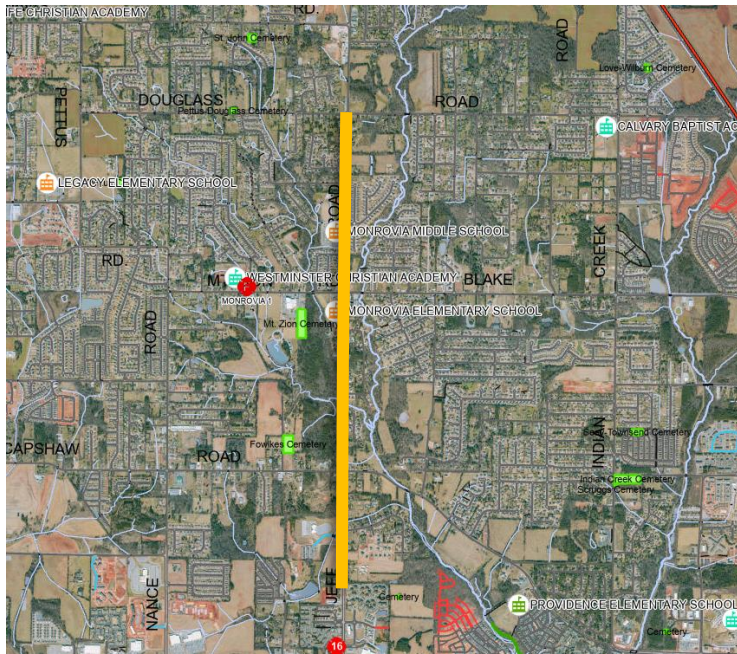
Prior Year Cost	0
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$6,567,000</b>

**Applicable Performance Measurements:** PM 1 Safety, PM 2

Pavement Condition, PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness; LP 4 Existing Communities; LP 5 Leverage Investments; LP 6 Value Communities

# 100061458 ADDITIONAL LANES ON JEFF ROAD



**Work Summary: ADDITIONAL ROADWAY LANES**  
**From: 0.8 MILES SOUTH OF CAPSHAW ROAD**  
**To: DOUGLASS ROAD**

**Lead Agency: MADISON COUNTY**

**Length: 2.8 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	A2RDY	0	0	\$9,045,000 Fed \$4,455,000 Local	0	\$13,500,000
<b>Total</b>		<b>0</b>	<b>0</b>	<b>\$13,500,000</b>	<b>0</b>	<b>\$13,500,000</b>

**Prior Phases: 100059740 (PE FY2014)**

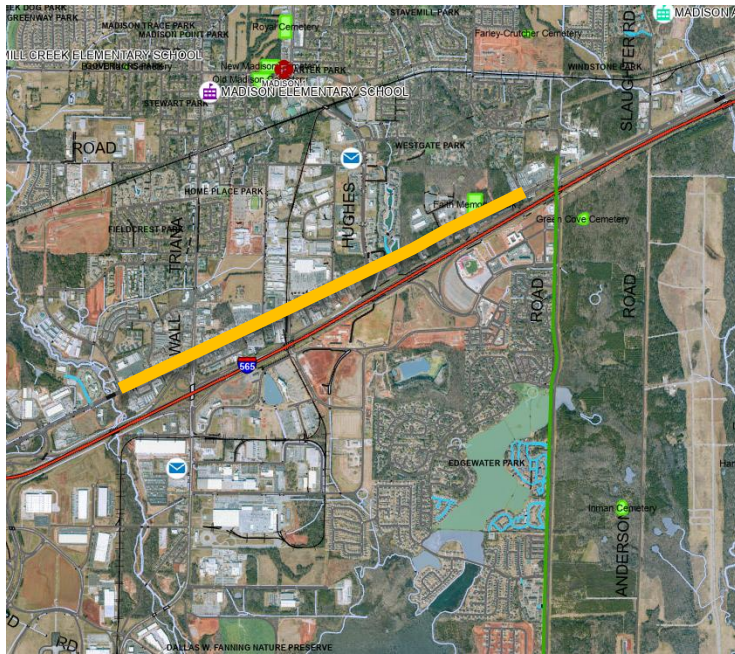
**Future Phases: None**

<b>Prior Year Cost</b>	\$800,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$14,300,000

**Applicable Performance Measurements: PM 1 Safety, PM 2 Pavement Condition, PM 3 NHS Performance**

**Applicable Livability Principles: LP 3 Economic Competitiveness; LP 4 Existing Communities; LP 5 Leverage Investments**

# 100074624 RESURFACING ON MADISON BLVD. INCLUDING TRAFFIC SIGNAL REPLACEMENT AND DRAINAGE IMPROVEMENTS



**Work Summary: RESURFACING**

**From: WESTCHESTER ROAD**

**To: FLAGSTONE DRIVE**

**Lead Agency: CITY OF MADISON**

**Length: 2.5 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	STPAA	\$4,474,600 Fed \$1,118,650 Local	0	0	0	\$5,593,250
<b>Total</b>		<b>\$5,593,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$5,593,250</b>

**Prior Phases:** 100074623 (PE FY2022)

**Future Phases:** None

<b>Prior Year Cost</b>	\$525,400
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	<b>\$6,118,250</b>

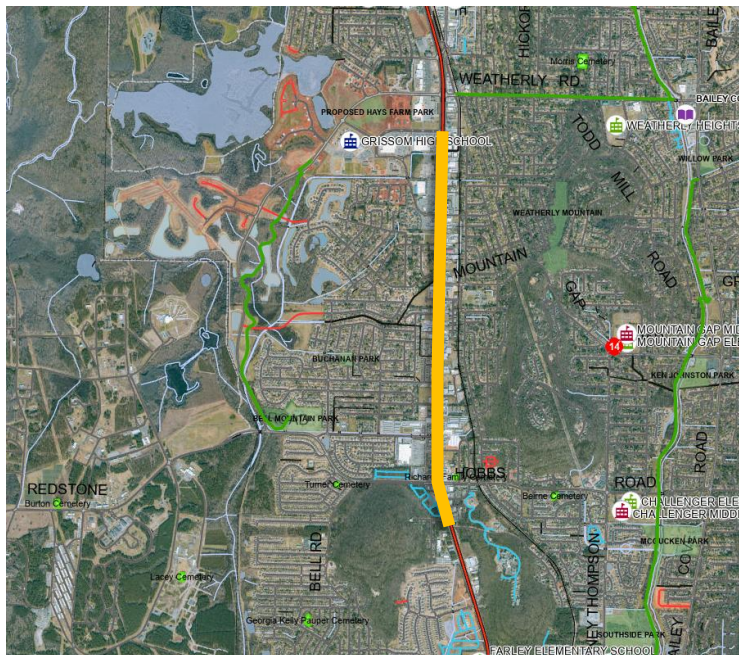
**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition

**Applicable Livability Principles:** LP 3 Economic Competitiveness; LP 6 Value Neighborhoods

# Table 2.3

NHS/Interstate Maintenance/NHS Bridge Projects

**100061839 MEMORIAL PARKWAY (US-231/SR-53) ACCESS MANAGEMENT AND**  
**100061838 INTERSECTION IMPROVEMENTS**  
**100061840**



**Work Summary: ACCESS MANAGEMENT AND INTERSECTION IMPROVEMENTS**

**From: VETERANS DRIVE**

**To: 0.2 MILES SOUTH OF WEATHERLY ROAD**

**Lead Agency: ALDOT**

**Length: 2.53 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
RW	NH	\$336,519 Fed \$84,129 State	0	0	0	\$420,648
UT	NH01M	\$1,296,093 Fed \$324,023 State	0	0	0	\$1,620,116
CN	NH01M	\$7,503,862 Fed \$1,875,966 State	0	0	0	\$9,379,828
<b>Total</b>		<b>\$11,420,592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$11,420,592</b>

**Prior Phases: 100061837 (PE FY2014)**

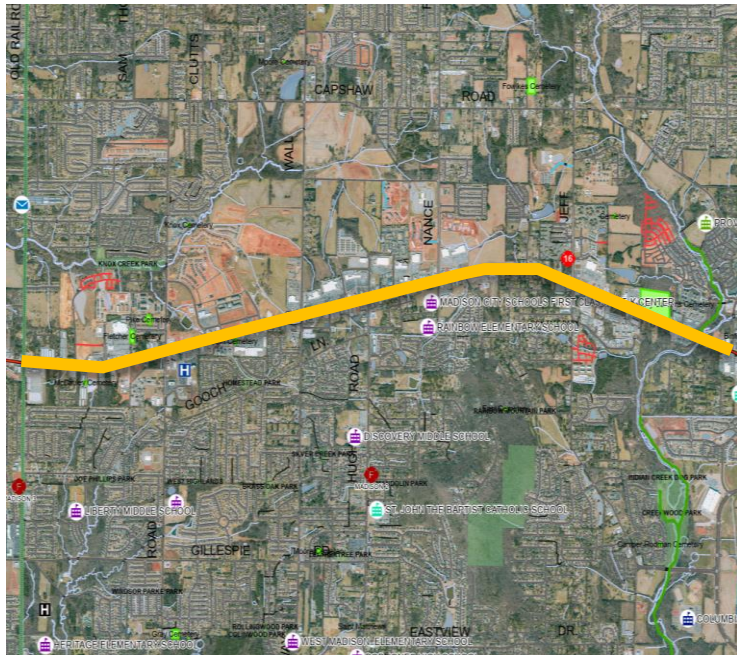
**Future Phases: None**

<b>Prior Year Cost</b>	\$1,450,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$12,870,592

**Applicable Performance Measurements: PM 1 Safety, PM 2 Pavement Condition; PM 3 NHS Performance**

**Applicable Livability Principles: LP 3 Economic Competitiveness; LP 5 Leverage Investments; LP 6 Value Neighborhoods**

**100061845 ADDITIONAL LANES ON SR-2 (US-72) IN THE CITY OF HUNTSVILLE**  
**100061846**  
**100061847**



**Work Summary: ADDITIONAL ROADWAY LANES**

**From: COUNTY LINE ROAD**

**To: PROVIDENCE MAIN STREET**

**Lead Agency: ALDOT**

**Length: 5.44 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
RW	NH01M	\$6,432,812 Fed \$1,608,203 State	0	0	0	\$8,041,015
UT	NH01M	0	\$2,557,438 Fed \$639,360 State	0	0	\$3,196,798
CN	NH01M	0	\$24,000,000 Fed \$6,000,000 State	0	0	\$30,000,000
<b>Total</b>		<b>\$8,041,015</b>	<b>\$33,196,798</b>	<b>0</b>	<b>0</b>	<b>\$41,237,813</b>

**Prior Phases: 100061841 (PE FY2014)**

**Future Phases: None**

<b>Prior Year Cost</b>	\$2,147,433
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$43,385,246

**Applicable Performance Measurements: PM 1 Safety, PM 2 Pavement Condition; PM 3 NHS Performance**

**Applicable Livability Principles: LP 3 Economic Competitiveness; LP 5 Leverage Investments; LP 6 Value Communities**

**100077385 ADDITIONAL LANES ON SR-53**  
**100037275**



**Work Summary: ADDITIONAL ROADWAY LANES**

**From: NORTH OF TAURUS DRIVE**

**To: HARVEST ROAD**

**Lead Agency: ALDOT**

**Length: 0.78 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
UT	NH	\$404,000 Fed \$101,000 State	0	0	0	\$505,000
CN	NH01M	\$7,966,753 Fed \$1,991,688 State	0	0	0	\$9,958,442
<b>Total</b>		<b>\$10,463,442</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$10,463,442</b>

**Prior Phases:** 100037271 (PE FY2000); 100037272 (RW FY2005)

**Future Phases:** None

<b>Prior Year Cost</b>	\$2,179,621
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$12,643,063

**Applicable Performance Measurements:** PM 1 Safety; PM 2 Pavement Condition; PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness; LP 5 Leverage Investments; LP 6 Value Communities



**100059114 ADDITIONAL LANES AND RESURFACING ON I-565**  
**100068982**



**Work Summary: ADDITIONAL ROADWAY LANES**  
**From: WEST OF COUNTY LINE ROAD**  
**To: EAST OF WALL TRIANA HIGHWAY**  
**Lead Agency: ALDOT** **Length: 4.17 mi.**

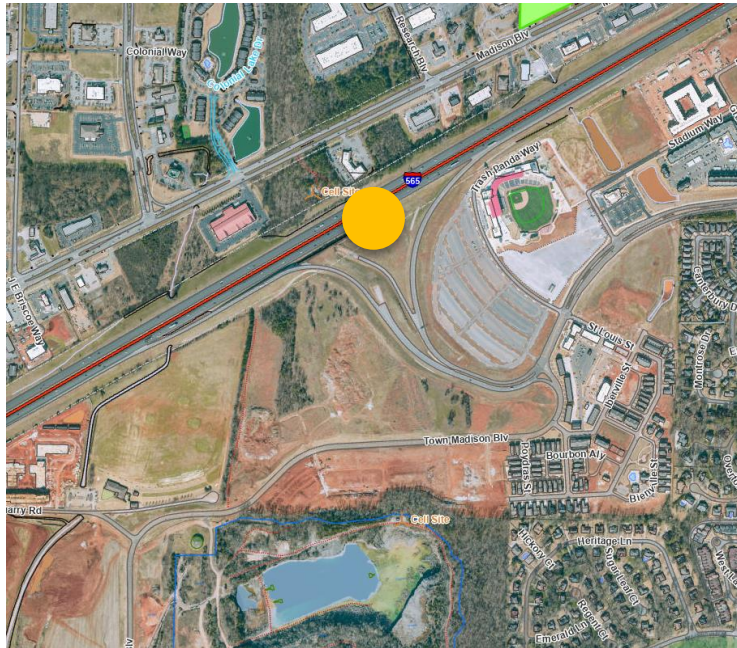
Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	RACR	\$27,851,795 State	0	0	0	\$27,851,795
CN	RCIM	\$16,827,180 Fed \$1,869,687 State	0	0	0	\$18,696,867
<b>Total</b>		<b>\$46,548,663</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$46,548,663</b>

**Prior Phases:** 100068980 (PE FY2020)  
**Future Phases:** None

<b>Prior Year Cost</b>	\$3,400,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$49,948,663

**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition; PM 3 NHS Performance  
**Applicable Livability Principles:** LP 2 Affordable Housing; LP 3 Economic Competitiveness; LP 5 Leverage Investments

# 100073420 INTERCHANGE AT TOWN MADISON BLVD./I-565 PHASE 2



**Work Summary:** INTERCHANGE (WB ON/OFF RAMPS)

**From:** TOWN MADISON BOULEVARD

**To:** I-565

**Lead Agency:** TBD

**Length:** 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	NH	\$23,258,280 Fed \$5,814,570 State	0	0	0	\$29,072,850
<b>Total</b>		<b>\$29,072,850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$29,072,850</b>

**Prior Phases:** None

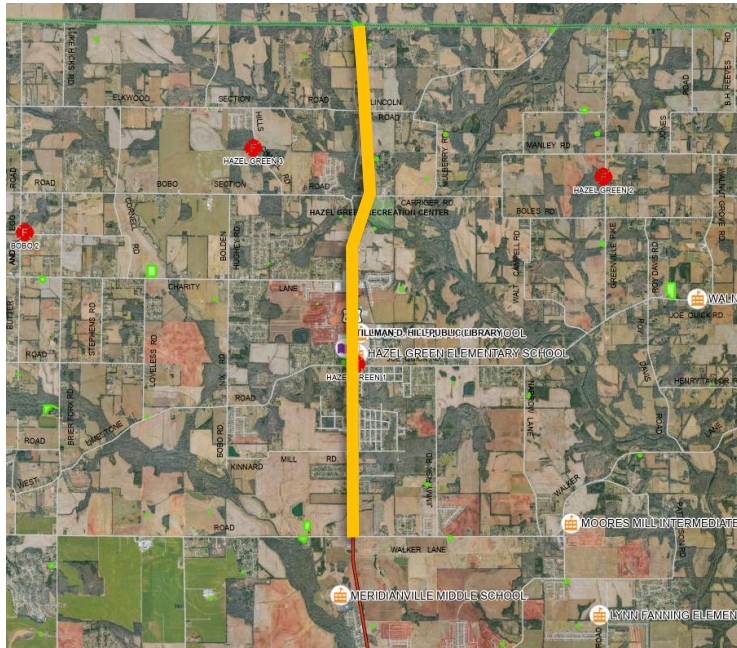
**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$29,072,850

**Applicable Performance Measurements:** PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness; LP 4 Existing Communities; LP 5 Leverage Investments; LP 6 Value Communities

# 100075556 RESURFACING ON US-231/US-431 (SR-1) IN HAZEL GREEN



**Work Summary:** PAVEMENT MINOR REHABILITATION

**From:** WALKER LANE (MP 346.760)

**To:** TENNESSEE STATE LINE (MP 352.970)

**Lead Agency:** ALDOT

**Length:** 6.21 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	NH	\$4,290,382 Fed \$1,072,596 State	0	0	0	\$5,362,978
<b>Total</b>		<b>\$5,362,978</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$5,362,978</b>

**Prior Phases:** None

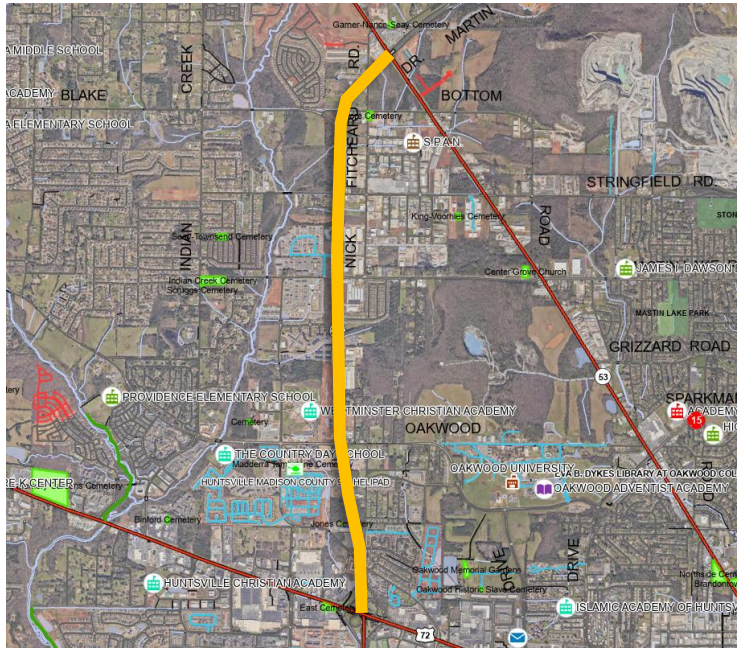
**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$5,362,978

**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition

**Applicable Livability Principles:** LP 3 Economic Competitiveness

# 100077252 RESURFACING ON SR-255 (RESEARCH PARK BLVD.)



## Work Summary: PAVEMENT MINOR REHABILITATION

From: SR-2 (US-72) (MP 2.890)

To: SR-53 (MP 6.300)

Lead Agency: ALDOT

Length: 3.41 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	NH	0	\$3,359,497 Fed \$839,874 State	0	0	\$4,199,371
<b>Total</b>		<b>0</b>	<b>\$4,199,371</b>	<b>0</b>	<b>0</b>	<b>\$4,199,371</b>

Prior Phases: None

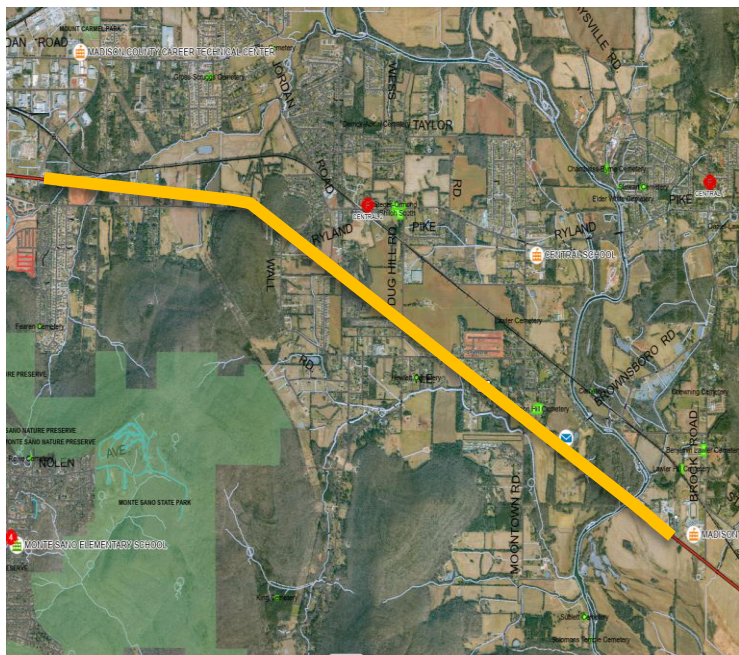
Future Phases: None

Prior Year Cost	0
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$4,199,371</b>

**Applicable Performance Measurements:** PM 1 Safety, PM 2 Pavement Condition

**Applicable Livability Principles:** LP 3 Economic Competitiveness

# 100077254 RESURFACING ON US-72 EAST



**Work Summary: PAVEMENT MINOR REHABILITATION**  
**From: SHIELDS ROAD**  
**To: 0.39 MILES EAST OF THE FLINT RIVER (MP 108.650)**  
**Lead Agency: ALDOT** **Length: 5.9 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	NH	0	\$3,938,016 Fed \$984,504 State	0	0	\$4,922,520
<b>Total</b>		<b>0</b>	<b>\$4,922,520</b>	<b>0</b>	<b>0</b>	<b>\$4,922,520</b>

**Prior Phases: None**  
**Future Phases: None**

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$4,922,520

**Applicable Performance Measurements: PM 1 Safety, PM 2 Pavement Condition**

**Applicable Livability Principles: LP 3 Economic Competitiveness**

# Table 2.4

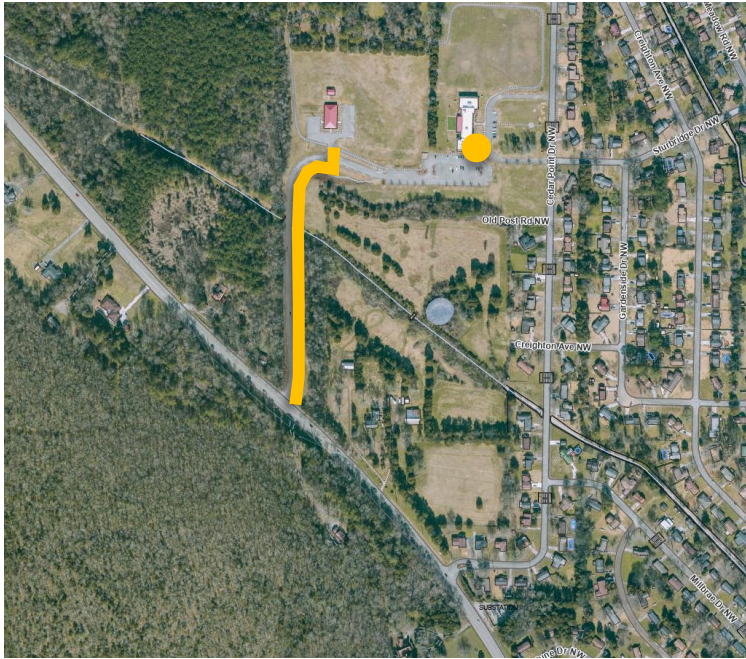
Appalachian Highway System Projects

**NO PROJECTS IN TABLE**

# Table 2.5

## Transportation Alternatives Projects

# 100074119 SIDEWALKS AND ADA IMPROVEMENTS ALONG PULASKI PIKE AND BOB HARRISON SENIOR WELLNESS AND ADVOCACY CENTER- PHASE 1



**Work Summary:** SIDEWALK  
**From:** PULASKI PIKE  
**To:** BOB HARRISON SENIOR WELLNESS AND ADVOCACY CENTER  
**Lead Agency:** TBD **Length:** ~0.25 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	TA	\$640,000 Fed \$160,000 Local	0	0	0	\$800,000
<b>Total</b>		<b>\$800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$800,000</b>

**Prior Phases:** None  
**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$800,000

**Applicable Performance Measurements:** PM 1 Safety  
**Applicable Livability Principles:** LP 1 Transportation Choice; LP 2 Affordable Housing; LP 4 Existing Communities; LP 5 Leverage Investments; LP 6 Value Communities



# 100074429 SIDEWALKS AND ADA IMPROVEMENTS ALONG PULASKI PIKE AND BOB HARRISON SENIOR WELLNESS AND ADVOCACY CENTER- PHASE 2



**Work Summary:** SIDEWALK  
**From:** CEDAR POINT DRIVE  
**To:** BOB HARRISON SENIOR WELLNESS AND ADVOCACY CENTER

**Lead Agency:** TBD

**Length:** ~0.2 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	TAHV	\$320,000 Fed \$80,000 Local	0	0	0	\$400,000
<b>Total</b>		<b>\$400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$400,000</b>

**Prior Phases:** None

**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$400,000

**Applicable Performance Measurements:** PM 1 Safety

**Applicable Livability Principles:** LP 1 Transportation Choice; LP 2 Affordable Housing; LP 4 Existing Communities; LP 5 Leverage Investments; LP 6 Value Communities

# 100075842 TOWN OF GURLEY MULTI-USE PATH



**Work Summary:** SIDEWALK  
**From:** SECTION LINE STREET  
**To:** WALKER STREET (VIA 4<sup>TH</sup> STREET, CHURCH STREET, GURLEY PIKE)

**Lead Agency:** TOWN OF GURLEY

**Length:** ~0.75 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	TAPAA	\$730,311 Fed \$182,577 Local	0	0	0	\$912,888
<b>Total</b>		<b>\$912,888</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$912,888</b>

**Prior Phases:** 100076073 (PE FY2023)

**Future Phases:** None

<b>Prior Year Cost</b>	\$86,122
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$999,010

**Applicable Performance Measurements:** PM 1 Safety  
**Applicable Livability Principles:** LP 1 Transportation Choice; LP 4 Existing Communities; LP 6 Value Communities

# 100075463 SIDEWALK IMPROVEMENTS ON PRATT AVENUE



**Work Summary:** SIDEWALK

**From:** GRAYSON STREET

**To:** MAYSVILLE ROAD

**Lead Agency:** CITY OF HUNTSVILLE

**Length:** 0.57 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	TAHV	\$800,000 Fed \$480,000 Local	0	0	0	\$1,280,000
<b>Total</b>		<b>\$1,280,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$1,280,000</b>

**Prior Phases:** None

**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$1,280,000

**Applicable Performance Measurements:** PM 1 Safety

**Applicable Livability Principles:** LP 1 Transportation Choice; LP 4 Existing Communities; LP 5 Leverage Investments

# Table 2.6

Bridge Projects (State and Federal)

**NO PROJECTS IN TABLE**

# Table 2.7

State Funded Projects

**NO PROJECTS IN TABLE**

# Table 2.8

Enhancement Projects

**NO PROJECTS IN TABLE**

# Table 2.9

## Transit Projects

## 9. Transit Projects

Sponsor: TBD												
Project Family ID	Project Number (FANBR)	Project Description	Project Length (miles)	SCP	STS	Project Type	FY	Map ID	Project Priority	Conform Year	Federal State Other	Estimated Total Cost
43941	100069781 UMTAC TR23 ()	LEVEL OF EFFORT SECTION 5310 HUNTSVILLE (URBAN) APPOINTMENTS FY 2018 - FY 2021 CARRYOVER FUNDS	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$114,146 \$0 \$0	\$114,146
44429	100070412 FTA9 TR21 ()	SECTION 5307 TRANSIT HUNTSVILLE OPERATING ASSISTANCE FY 2021 (APPORTIONMENT FY 2020 <75 BUS)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$1,916,796 \$0 \$0	\$1,916,796
44430	100070413 FTA3C TR22 ()	SECTION 5339 TRANSIT CAPITAL HUNTSVILLE BUSES SGR FY 2022 (APPORTIONMENT FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$440,000 \$0 \$110,000	\$550,000
44431	100070414 FTA9C TR22 ()	SECTION 5307 TRANSIT CAPITAL HUNTSVILLE BUSES FY 2022 (APPORTIONMENT FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$657,870 \$0 \$164,467	\$822,337
44432	100070415 FTA9C TR22 ()	SECTION 5307 TRANSIT OTHER CAPITAL PROJECTS / ITEMS FY 2022 (APPORTIONMENT FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$150,000 \$0 \$37,500	\$187,500
44433	100070416 FTA9C TR22 ()	SECTION 5307 TRANSIT CAPITAL HUNTSVILLE RV MAINT FY 2022 (APPORTIONMENT FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$401,851 \$0 \$100,462	\$502,313
44434	100070417 FTA9C TR22 ()	SECTION 5307 TRANSIT CAPITAL HUNTSVILLE ADA FY 2022 (APPORTIONMENT FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$196,892 \$0 \$49,224	\$246,116
44435	100070418 FTA9 TR22 ()	SECTION 5307 TRANSIT HUNTSVILLE OPERATING ASSISTANCE FY 2022 (APPORTIONMENT FY 2021 <75 BUS)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$2,133,924 \$0 \$0	\$2,133,924
44437	100070420 FTA9C TR23 ()	SECTION 5307 TRANSIT CAPITAL HUNTSVILLE BUSES FY 2023 (APPORTIONMENT FY 2022)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$926,668 \$0 \$231,667	\$1,158,335
44438	100070421 FTA9C TR23 ()	SECTION 5307 TRANSIT OTHER CAPITAL PROJECTS/ITEMS FY 2023 (APPORTIONMENT FY 2022)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$230,000 \$0 \$57,500	\$287,500
44440	100070423 FTA9C TR23 ()	SECTION 5307 TRANSIT CAPITAL HUNTSVILLE ADA FY 2023 (APPORTIONMENT FY 2022)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$187,418 \$0 \$46,855	\$234,273
44441	100070424 FTA9 TR23 ()	SECTION 5307 TRANSIT HUNTSVILLE OPERATING ASSISTANCE FY 2023 (APPORTIONMENT FY 2022 <75 BUS)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$3,026,528 \$0 \$0	\$3,026,528
45811	100072071 FTA3C TR20 ()	SECTION 5339(B) TRANSIT CAPITAL BUS AND BUS FACILITIES APPORTIONMENT FY 2020 - HUNTSVILLE TRANSIT CONSTRUCTION OF DOWNTOWN TRANSIT MULTIMODAL FACILITY RE-DESIGN AND RENOVATION OF OPERATIONS FACILITY	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$15,999,939 \$0 \$3,999,985	\$19,999,924
46881	100073353 UMTAC TR21 ()	LEVEL OF EFFORT SECTION 5310 CRRSAA FUNDS ELDERLY AND DISABLED SERVICES - HUNTSVILLE (FY 2021)	0.00	TR	P	UNCLASSIFIED	2023	0.000		NA	\$46,124 \$0 \$0	\$46,124



### 9. Transit Projects

46882	100073356 FTA3C TR21 ()	SECTION 5339C TRANSIT ALABAMA AANDAMP;M UNIV CAPITAL LONO (APPORTIONMENT FY2020) 2 ELECTRIC BUSES AND CHARGING STATIONS	0.00	TR	P	UNCLASSIFIED	2023	0.000	NA	\$1,783,351 \$0 \$0	\$1,783,351
47834	100074554 FTA3C TR22 ()	AAMU FY2021 FTA 5339C LOW NO EMISSIONS	0.00	TR	P	UNCLASSIFIED	2023	0.000	NA	\$3,420,656 \$0 \$855,164	\$4,275,820
49389	100076493 UMTA TR23 ()	LEVEL OF EFFORT - SECTION 5310 CITY OF HUNTSVILLE (URBAN APPORTIONMENT FY- 2022)	0.00	TR	P	UNCLASSIFIED	2023	0.000	NA	\$494,480 \$0 \$0	\$494,480
49495	100076634 UMTAC TR23 ( )	LEVEL OF EFFORT - SECTION 5310 - CITY OF HUNTSVILLE FY-2021 AMERICAN RESCUE PLAN ACT (ARP) CAPITAL APPORTIONMENT (AWARD 2021-017)	0.00	TR	P	UNCLASSIFIED	2023	0.000	NA	\$35,495 \$0 \$8,874	\$44,369
49390	100076494 UMTA TR24 ()	LEVEL OF EFFORT - SECTION 5310 HUNTSVILLE (URBAN) APPORTIONMENT FY-2023	0.00	TR	P	UNCLASSIFIED	2024	0.000	NA	\$397,348 \$0 \$99,337	\$496,685
49768	100076990 FTA9 TR24 ()	LEVEL OF EFFORT-SECTION 5307 TRANSIT-HUNTSVILLE (APPORTIONMENT FY 2022)	0.00	TR	P	UNCLASSIFIED	2024	0.000	NA	\$3,203,930 \$800,983 \$0	\$4,004,913
49781	100077004 FTA3C TR24 ()	LEVEL OF EFFORT-SECTION 5339- HUNTSVILLE (APPORTIONMENT FY 22)	0.00	TR	P	UNCLASSIFIED	2024	0.000	NA	\$251,066 \$0 \$62,767	\$313,833
49809	100077032 FTA3C TR25 ()	LEVEL OF EFFORT-SECTION 5339- HUNTSVILLE (APPORTIONMENT FY 23)	0.00	TR	P	UNCLASSIFIED	2025	0.000	NA	\$260,854 \$0 \$65,214	\$326,068
49822	100077045 FTA9 TR25 ()	LEVEL OF EFFORT-SECTION 5307- HUNTSVILLE(APPORTIONMENT FY 2023)	0.00	TR	P	UNCLASSIFIED	2025	0.000	NA	\$3,266,244 \$816,561 \$0	\$4,082,805
49946	100077195 UMTA TR25 ()	LEVEL OF EFFORT - SECTION 5310 HUNTSVILLE (URBAN) APPORTIONMENT - FY 2024	0.00	TR	P	UNCLASSIFIED	2025	0.000	NA	\$397,348 \$0 \$99,337	\$496,685
49816	100077039 FTA3C TR26 ()	LEVEL OF EFFORT-SECTION 5339- HUNTSVILLE (APPORTIONMENT FY 2024- EST)	0.00	TR	P	UNCLASSIFIED	2026	0.000	NA	\$260,854 \$65,214 \$0	\$326,068
49824	100077047 FTA9 TR26 ()	LEVEL OF EFFORT-SECTON 5307- HUNTSVILLE (APPORTIONMENT FY 24-EST)	0.00	TR	P	UNCLASSIFIED	2026	0.000	NA	\$3,266,244 \$0 \$816,561	\$4,082,805
49947	100077196 UMTA TR26 ()	LEVEL OF EFFORT - SECTION 5310 HUNTSVILLE (URBAN) APPORTIONMENT - FY 2025	0.00	TR	P	UNCLASSIFIED	2026	0.000	NA	\$397,348 \$0 \$99,337	\$496,685
49826	100077049 FTA9 TR27 ()	LEVEL OF EFFORT-SECTION 5307- HUNTSVILLE(APPORTIONMENT FY 2025 EST)	0.00	TR	P	UNCLASSIFIED	2027	0.000	NA	\$3,266,244 \$816,561 \$0	\$4,082,805
49827	100077050 FTA3C TR27 ()	LEVEL OF EFFORT-SECTION 5339- HUNTSVILLE (APPORTIONMENT FY 2025- EST)	0.00	TR	P	UNCLASSIFIED	2027	0.000	NA	\$260,854 \$65,214 \$0	\$326,068

**9. Transit Projects**

49948	100077197	LEVEL OF EFFORT - SECTION 5310 UMTA TR27 () HUNTSVILLE (URBAN) APPORTIONMENT - FY 2026	0.00	TR	P	UNCLASSIFIED	2027	0.000	NA	\$397,348 \$0 \$99,337	\$496,685
<b>Totals By Sponsor</b>						<b>Federal</b>		<b>\$47,787,821</b>		<b>ALL Funds</b>	<b>\$57,355,939</b>

The following Transit projects were submitted to ALDOT, but had not been assigned project numbers by the final TIP document publication date:

<b>Project Number</b>	<b>Description</b>	<b>FY Allocation</b>	<b>FY Year Spent</b>	<b>Cost Breakdown</b>	<b>Total Cost</b>
<b>TBD</b>	Section 5307 Huntsville Transit Capital Rolling Stock	2024	2025	\$800,000 Federal \$200,000 Local	\$1,000,000
<b>TBD</b>	Section 5307 Huntsville Transit RV and Capital Maintenance	2024	2025	\$560,000 Federal \$140,000 Local	\$700,000
<b>TBD</b>	Section 5307 Huntsville Transit Other Capital Projects	2024	2025	\$160,000 Federal \$40,000 Local	\$200,000
<b>TBD</b>	Section 5307 Huntsville Transit Non-FR ADA	2024	2025	\$200,000 Federal \$50,000 Local	\$250,000
<b>TBD</b>	Section 5307 Huntsville Transit Capital Rolling Stock	2025	2026	\$720,000 Federal \$180,000 Local	\$900,000
<b>TBD</b>	Section 5307 Huntsville Transit RV and Capital Maintenance	2025	2026	\$560,000 Federal \$140,000 Local	\$700,000
<b>TBD</b>	Section 5307 Huntsville Transit Other Capital Projects	2025	2026	\$200,000 Federal \$50,000 Local	\$250,000
<b>TBD</b>	Section 5307 Huntsville Transit Non-FR ADA	2025	2026	\$280,000 Federal \$70,000 Local	\$350,000
<b>TBD</b>	Section 5307 Huntsville Transit Capital Rolling Stock	2026	2027	\$720,000 Federal \$180,000 Local	\$900,000
<b>TBD</b>	Section 5307 Huntsville Transit RV and Capital Maintenance	2026	2027	\$560,000 Federal \$140,000 Local	\$700,000
<b>TBD</b>	Section 5307 Huntsville Transit Other Capital Projects	2026	2027	\$200,000 Federal \$50,000 Local	\$250,000
<b>TBD</b>	Section 5307 Huntsville Transit Non-FR ADA	2026	2027	\$280,000 Federal \$70,000 Local	\$350,000
<b>TBD</b>	Section 5339c Alabama A&M Low-No (Apportionment FY 2023) Bus Storage Facility Improvements	2023	2024	\$8,122,850 Federal	\$8,122,850

**All Transit projects support PM1- Safety Performance Measures.**

**All Transit projects support Livability Principles 1 (Transportation Choices); 2 (Equitable Housing); 4 (Existing Communities); and 6 (Value Neighborhoods)**

# Table 2.10

System Maintenance Projects

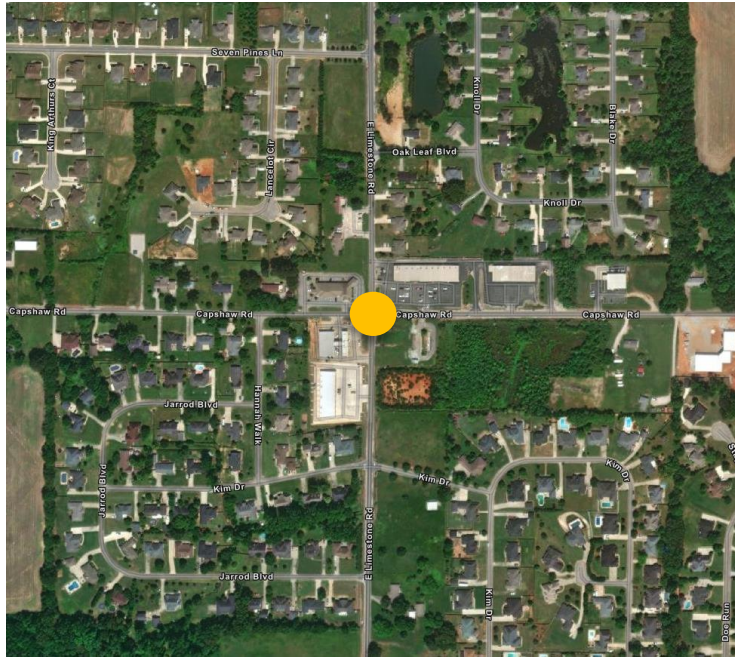
**NO PROJECTS IN TABLE**

# Table 2.11

## Safety Projects

# 100065282 ROUNDABOUT AT EAST LIMESTONE ROAD AND CAPSHAW ROAD

## 100065283



### Work Summary: INTERSECTION IMPROVEMENTS

From: EAST LIMESTONE ROAD

To: AT CAPSHAW ROAD

Lead Agency: LIMESTONE COUNTY

Length: 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
UT	HSIP	\$64,328 Fed	0	0	0	\$64,328
CN	HSIP	\$812,143 Fed	0	0	0	\$812,143
<b>Total</b>		<b>\$876,471</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$876,471</b>

Prior Phases: 100065202 (PE FY2016); 100065281 (RW FY2020)

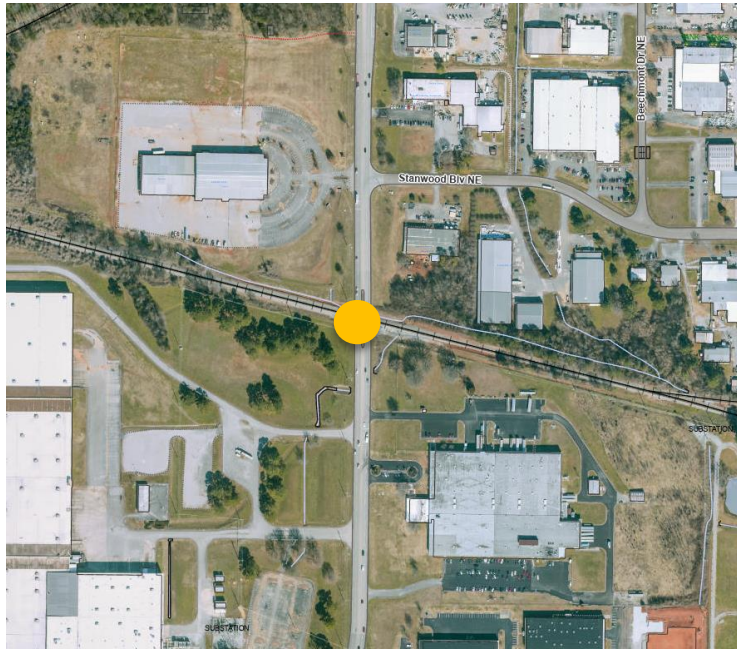
Future Phases: None

Prior Year Cost	\$449,979
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$1,326,450</b>

Applicable Performance Measurements: PM 1 Safety

Applicable Livability Principles: LP 3 Economic Competitiveness;  
LP 6 Value Neighborhoods

# 100076874 RR CROSSING IMPROVEMENTS ON MOORES MILL ROAD



**Work Summary:** RR XING SIGNS

**From:** MOORES MILL ROAD

**To:** AT NORFOLK SOUTHERN RAILROAD

**Lead Agency:** TBD

**Length:** 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	RSP	\$140,000 Fed	0	0	0	\$140,000
<b>Total</b>		<b>\$140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$140,000</b>

**Prior Phases:** None

**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$140,000

**Applicable Performance Measurements:** PM 1 Safety

**Applicable Livability Principles:** LP 6 Value Communities

# 100076251 ACCESS MANAGEMENT ALONG SR-2 (US 72 EAST)

100076252

100076253



## Work Summary: SAFETY IMPROVEMENTS

From: 0.25 MILES WEST OF SHIELDS ROAD

To: 0.75 MILES EAST OF BROCK ROAD

Lead Agency: ALDOT

Length: ~7.25 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
RW	HSIP	\$318,150 Fed \$35,350 State	0	0	0	\$353,500
UT	HSIP	0	0	\$324,545 Fed \$36,060 State	0	\$360,605
CN	HSIP	0	0	\$5,563,625 Fed \$618,181 State	0	\$6,181,806
<b>Total</b>		<b>\$353,500</b>	<b>0</b>	<b>\$6,542,411</b>	<b>0</b>	<b>\$6,895,911</b>

Prior Phases: 100076250 (PE FY2023)

Future Phases: None

Prior Year Cost	\$900,000
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$7,795,911</b>

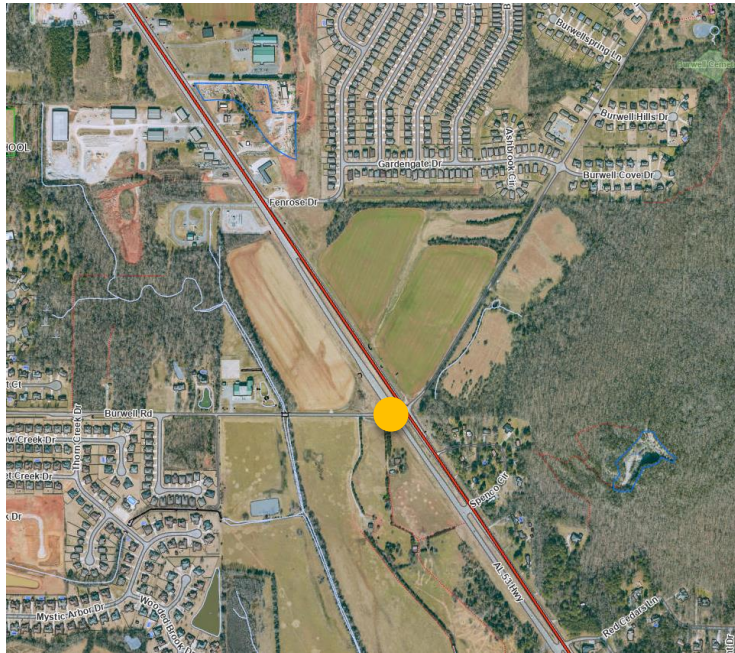
**Applicable Performance Measurements:** PM 1 Safety; PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness



# 100076925 INTERSECTION IMPROVEMENTS AT SR-53 AND BURWELL ROAD

## 100076926



**Work Summary:** SAFETY IMPROVEMENTS (R-CUT)  
**From:** AT INTERSECTION  
**To:** AT INTERSECTION  
**Lead Agency:** TBD **Length:** 0 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
PE	HSIP	\$87,750 Fed \$9,750 State	0	0	0	\$97,500
CN	HSIP	\$886,275 Fed \$98,475 State	0	0	0	\$984,750
<b>Total</b>		<b>\$1,082,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$1,082,250</b>

**Prior Phases:** None  
**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$1,082,250

**Applicable Performance Measurements:** PM 1 Safety  
**Applicable Livability Principles:** LP 6 Value Communities

# Table 2.12

## Other State and Federal Aid Projects

# 100061851 HUNTSVILLE NORTHERN BYPASS



**Work Summary:** GRADE, DRAIN, BASE AND PAVE  
**From:** 1.2 MILES EAST OF CR-86 (PULASKI PIKE)  
**To:** 1500 FEET EAST OF SR-1 (US-231/431)  
**Lead Agency:** ALDOT **Length:** 4.2 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	CRSA	\$30,000,000 Fed	0	0	0	\$30,000,000
<b>Total</b>		<b>\$30,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$30,000,000</b>

**Prior Phases:** 100054997 (PE FY2010); 100061850 (UT FY2022)

**Future Phases:** None

<b>Prior Year Cost</b>	\$4,275,885
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$34,275,885

**Applicable Performance Measurements:** PM 1 Safety, PM 3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness

# 100059903 MAYSVILLE-EPWORTH CONNECTOR ROAD



**Work Summary:** GRADE, DRAIN, BASE AND PAVE

**From:** MAYSVILLE ROAD

**To:** EPWORTH DRIVE

**Lead Agency:** ALDOT

**Length:** ~0.25 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	FAUP	\$4,549,731 Fed				\$5,687,163
		\$568,716 State	0	0	0	
		\$568,716 Local				
<b>Total</b>		<b>\$5,687,163</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$5,687,163</b>

**Prior Phases:** None

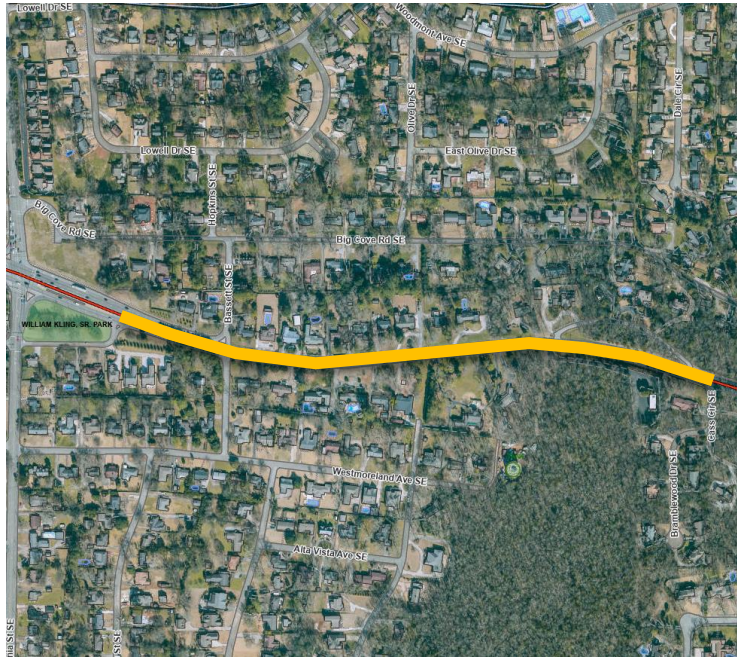
**Future Phases:** None

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$5,687,163

**Applicable Performance Measurements:** PM 1 Safety, PM 3 NHS Performance

**Applicable Livability Principles:** LP 5 Leverage Investments; LP 6 Value Communities

# 100075125 ADDITIONAL THROUGH LANE ON GOVERNORS DRIVE



**Work Summary:** ADDITIONAL ROADWAY LANES

**From:** LONGWOOD DRIVE

**To:** CASS CIRCLE

**Lead Agency:** ALDOT

**Length:** ~0.5 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	RAA2	\$1,130,000 State	0	0	0	\$1,130,000
<b>Total</b>		<b>\$1,130,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$1,130,000</b>

**Prior Phases:** 100074450 (PE FY2022); 100075124 (RW FY2022)

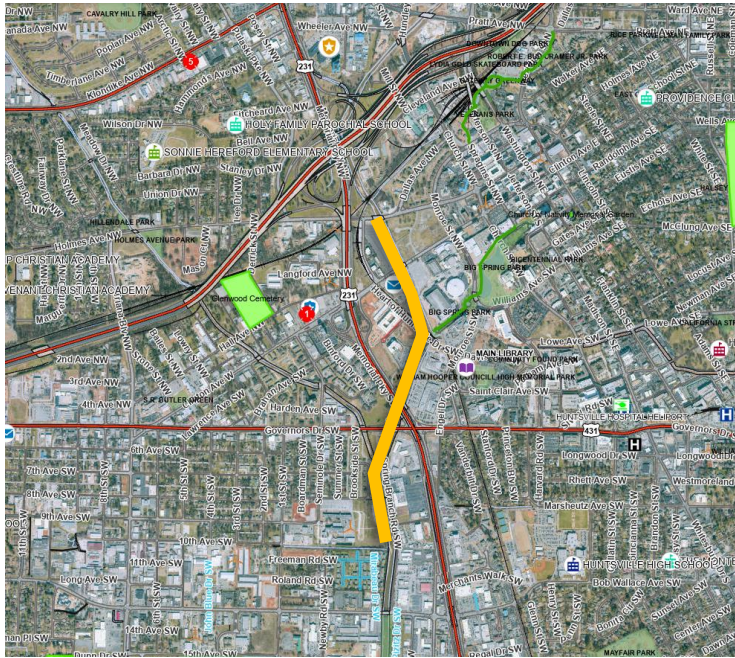
**Future Phases:** None

<b>Prior Year Cost</b>	\$220,000
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$1,350,000

**Applicable Performance Measurements:** PM 1 Safety, PM 3 NHS Performance

**Applicable Livability Principles:** LP 4 Existing Communities; LP 5 Leverage Investments

# 100075911 PEDESTRIAN ACCESS AND REDEVELOPMENT CORRIDOR ALONG PINHOOK CREEK



**Work Summary: PEDESTRIAN OVERPASS**  
**From: HOLMES AVENUE**  
**To: LOWE MILL ALONG PINHOOK CREEK**  
**Lead Agency: CITY OF HUNTSVILLE**

**Length: 1.14 mi.**

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	RAISE	\$20,000,000 Fed \$42,105,817 Local	0	0	0	\$62,105,817
<b>Total</b>		<b>\$62,105,817</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$62,105,817</b>

**Prior Phases: None**

**Future Phases: None**

<b>Prior Year Cost</b>	0
<b>Future Year Cost</b>	0
<b>Total Project Cost (all years):</b>	\$62,105,817

**Applicable Performance Measurements: PM 1 Safety**  
**Applicable Livability Principles: LP 1 Transportation Choice; LP 2 Affordable Housing; LP 3 Economic Competitiveness; LP 4 Existing Communities; LP 5 Leverage Investments; LP 6 Value Communities**

# Table 2.13

Congestion Mitigation and Air Quality Projects

**NO PROJECTS IN TABLE**

# Table 2.14

High Priority and Congressional Earmark Projects

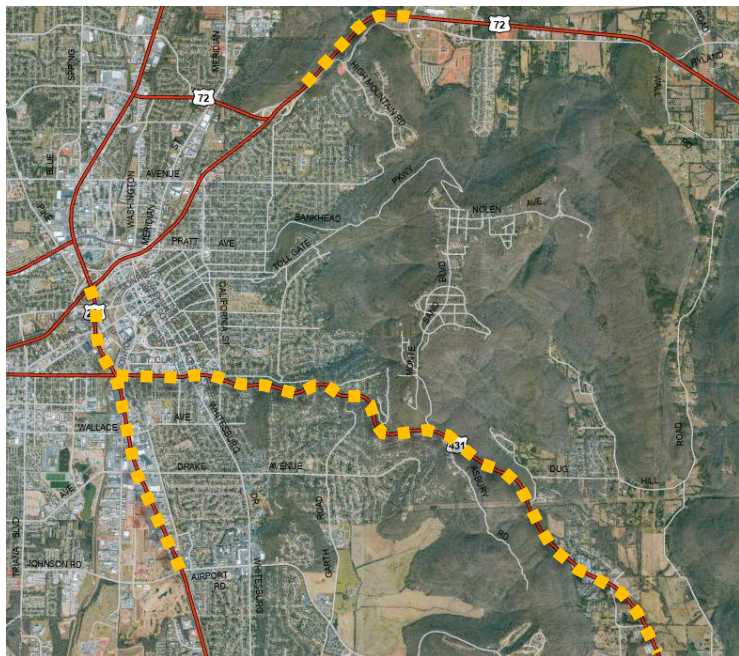
**NO PROJECTS IN TABLE**



# Table 2.15

## Carbon Reduction Program Attributable Projects

# 100077102 ADVANCED CORRIDOR MANAGEMENT TSMO ON SR-2 (US-72) SR-1 (US-431) AND SR-53 (US-231) IN MADISON COUNTY



## Work Summary: INTELLIGENT TECHNOLOGY SYSTEMS

From: SEE MAP

To: SEE MAP

Lead Agency: TBD

Length: ~12.8 mi.

Phase	Fund Source	FY 2024	FY 2025	FY 2026	FY 2027	Total
CN	CRPHV	\$1,200,000 Fed \$300,000 Local	0	0	0	\$1,500,000
CN	ST	\$1,500,000 State	0	0	0	\$1,500,000
<b>Total</b>		<b>\$3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$3,000,000</b>

Prior Phases: None

Future Phases: None

Prior Year Cost	0
Future Year Cost	0
<b>Total Project Cost (all years):</b>	<b>\$3,000,000</b>

**Applicable Performance Measurements:** PM 1 Safety, PM3 NHS Performance

**Applicable Livability Principles:** LP 3 Economic Competitiveness; LP 5 Leverage Investments

# Table 2.16

Other Carbon Reduction Program Projects

**NO PROJECTS IN TABLE**

# Part 3 Appendices

# Appendix A

## Program Codes

## Program Codes

The following program codes are used in this TIP. A description of funds used for each funding category is provided below.

### Surface Transportation Attributable Projects

STPHV                                      Surface Transportation Urbanized Area (Huntsville)  
*Also shown as STHVE, STHVM, ULHV*

### Other Surface Transportation Program Projects

ATRP                                      Alabama Transportation Rehabilitation and Improvement Program funds  
*Also shown as A2RDY*

STPAA                                      Surface Transportation Any Area  
*Also shown as STAAE*

CVHV                                      COVID Relief Funds- Huntsville

GSPH5                                      Special Projects Grant

### National Highway System/Interstate Maintenance/NHS Bridge Projects

IM    Interstate Maintenance

FM    Federal Highway Maintenance

NH	National Highway System
RCIM	Rebuild Alabama- Interstate Maintenance

**Appalachian Highway System Projects**

APD	Appalachian Development Program
-----	---------------------------------

**Transportation Alternatives Projects**

TAHV	Transportation Alternatives Program Huntsville MPO funds
TA	Transportation Alternatives Program Any Area funds

**Bridge Projects (State and Federal)**

BR	Bridge Program
----	----------------

**State Funded Projects**

ST	State Funds
----	-------------

**Enhancement Projects**

This funding category has been discontinued, but remains as a placeholder Statewide, so that previously funded enhancement projects may be carried over to fiscal years 2016-2019 for other jurisdictions.

**Transit Projects**

FTA3C	Federal Transit Administration Capital New Starts/Federal Earmark
FTA9	Federal Transit Administration Section 5307
FTA9C	Federal Transit Administration Capital Programs for > than 50K Population

FTA3	Federal Transit Administration Section 5309
STMFTA9C	Stimulus Funding for Federal Transit Administration Capital Programs for > than 50K Population
RPTO	Federal Transit Administration Section 5311 (Non-Urban)
RPTOC	Federal Transit Administration Section 5311 Capital Programs (Non-Urban)
NFIG	New Freedom Grant funds
NFIGR	New Freedom Grant Rural funds
JARC	Jobs Access Reverse Commute

**System Maintenance Projects**

No projects have been identified for this category.

**Safety Projects**

HSIP	Highway Safety Improvement Program funds
RSP	Railway Safety Program
HRRR	High Risk Rural Roads

**Other Federal and State Aid Projects**

FAUP	Federal Aid-Unique Projects
RAA	Rebuild Alabama
FLAP	Federal Lands Aid Program
RAISE	Federal RAISE Grant



**Congestion Mitigation and Air Quality Projects**

CMAQ    Congestion Management-Air Quality

**High Priority and Congressional Earmarks Projects**

No projects have been identified for this category.

**Carbon Reduction Program Attributable Projects**

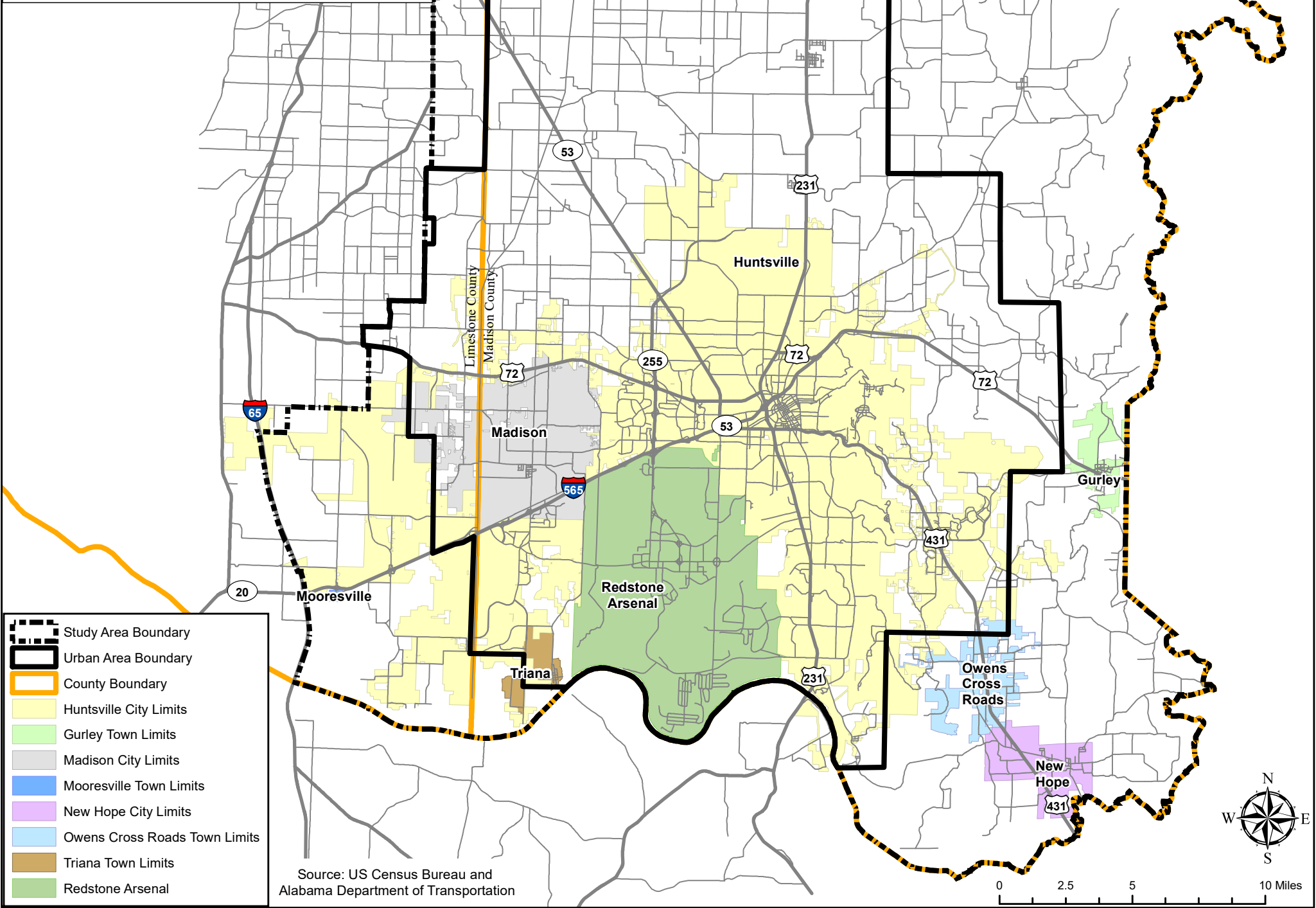
CRPHV    Carbon Reduction Program- Huntsville MPO funds

**Other Carbon Reduction Program Projects**

CRPAA    Carbon Reduction Program- ALDOT funds

# **Appendix B MPO Boundary Map**

# Huntsville Area Metropolitan Planning Organization (MPO) 2023



Source: US Census Bureau and  
Alabama Department of Transportation



0 2.5 5 10 Miles

# **Appendix C Glossary of Transportation Terms**

## Abbreviations and Acronyms

ALDOT	Alabama Department of Transportation
APD	Appalachian Development Program
BRG	Bridge
BRON	Bridge On-System
BS	Base
CAAA	Clean Air Act Amendments
CAC	Citizens Advisory Committee
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CMP	Congestion Management Plan
CN	Construction
CPMS	Comprehensive Project Management System
CRP	Carbon Reduction Program
DEMO	Demonstration Project
DOT	Department of Transportation

DR	Drainage
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTA3	Federal Transit Administration Section 5309
FTA3C	Federal Transit Administration Section 5309 – Capital New Starts Federal Earmark
FTA9	Federal Transit Administration Section 5307
FTA9C	Federal Transit Administration Section 5307 – Capital Programs for Greater Than 50,000
G	Grade
GHG	Greenhouse Gas
HSIPR	Highway Safety Improvement Program Rural
HSIP	Highway Safety Improvement Program
HUD	Housing and Urban Development
IARA	Industrial Access
IJA/BIL	Infrastructure Investment and Jobs Act/Bipartisan Infrastructure Law
IM	Interstate Maintenance
ISTEA	Intermodal Surface Transportation Efficiency Act

JARC	Job Access and Reverse Commute
LEP	Limited English Proficiency
LVOE	Level of Effort
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
NEPA	National Environmental Policy Act
NHS	National Highway System
NH	National Highway System
OMB	Office of Management and Budget
P	Pavement
PE	Preliminary Engineering
RPTOC	Capital Programs for Non-Urban Areas
RPTO	FTA Section 5311
RTAP	Rural Transit Assistance Program
RW	Right of Way
SIP	State Implementation Plan

ST	State (Alabama Department of Transportation)
STATF	State Program – State Force Construction
STATP	State Program – Preliminary Engineering
STP	Surface Transportation Program
STPAA	STP Any Area Program
STPHV	STP Huntsville Urbanized Area Program
STPRR	Rail-Highway Development
TAP	Transportation Alternatives Program
TCC	Transportation Technical Committee
TCM	Transportation Control Measures
TIP	Transportation Improvement Program
UPWP	Unified Planning Works Program
UT	Utilities Relocation



# **Appendix D**

## **Public Involvement**

### **Recap**



# Huntsville Area Metropolitan Planning Organization

Home About News Maps Data Plans and Reports Links Contact Us



## 2024-2027 TIP

\*Public Involvement Meeting on May 3rd. See post for more information.\* The Transportation Improvement Plan (TIP) includes descriptions, maps and costs of funded transportation projects for the next four years. Rubber starts to meet the road with this plan. The...

## Home

The Huntsville Area MPO (also known as the Huntsville Area Transportation Study, or HATS) plans and programs transportation improvements for the [Huntsville Urbanized Area](#). All federally funded transportation projects in the urban area must be programmed for construction by the

Search Huntsville MPO

Search



[Home](#) [About](#) [News](#) [Maps](#) [Data](#) [Plans and Reports](#) [Links](#) [Contact Us](#)

## 2024-2027 TIP

jvandiver April 20, 2023 Uncategorized

**\*Public Involvement Meeting on May 3rd. See post for more information.\***

The Transportation Improvement Plan (TIP) includes descriptions, maps and costs of funded transportation projects for the next four years. Rubber starts to meet the road with this plan.

**The DRAFT 2024-2027 TIP will be posted on this page on May 3rd.** The FINAL 2024-2027 TIP will include public comments and will be considered by the MPO boards at their August meetings.

A public involvement meeting for the Statewide Transportation Improvement Plan (STIP) and TIP will be held on May 3rd from 10AM-11AM at the Top of Alabama Regional Council of Governments (TARCOG) conference room, located at 7037 Old Madison Pk. Suite 450. See flyers below for more information:

[Informational flyer- STIP Public Involvement](#)

[Meeting dates for TARCOG region STIP public involvement](#)

[← Transit Studies](#)

Search Huntsville MPO

MPO Members





# TARCOG AND ALDOT HOST STIP OUTREACH MEETINGS

## What is the STIP?

The State Transportation Improvement Plan (STIP) is a document that assesses the State's transportation system and presents plans for improvement and maintenance.

## Why Should I Go?

Public Participation is encouraged on State transportation projects. Participation allows for citizens to have their needs, concerns, and questions heard. TARCOG and ALDOT are seeking **STRONG** citizen participation.

## What is covered in the STIP?

- ✓ Roads and Bike Network
- ✓ Bridges and Waterways
- ✓ Transit and Pedestrians Networks
- ✓ Railroads and Airports

»»» For More Information

✉ [will.balderrama@tarcog.us](mailto:will.balderrama@tarcog.us)

🌐 [www.tarcog.us/tarcog-to-host-stip-outreach-meetings/](http://www.tarcog.us/tarcog-to-host-stip-outreach-meetings/)



# STATE TRANSPORTATION PLAN

STIP 2024

## ABOUT THE STIP 2024

The State Transportation Improvement Plan (STIP) is a document that assesses the State's transportation system and presents plans for improvement and maintenance.

Updated every 4 years, it details how Federal and State money will be spent on transportation projects such as road expansion, bridges, transit, and more.

Projects are developed in coordination with the state's metropolitan planning and rural planning organizations.

The 2020 STIP was the previously plan and will be updated next year. The Alabama Department of Transportation (ALDOT) develops the STIP in accordance

with the Fixing America's Surface Transportation Act (FAST Act) and applicable federal regulations.

TARCOG hosts the Rural Planning Organization (RPO) for our region.

## PUBLIC PARTICIPATION

Public participation is required on transportation projects that use Federal and State money.

Public participation is crucial to have successful community projects that reflect the needs and wants of communities.

TARCOG and ALDOT are inviting citizens in the region to participate and have their voices heard.

Help make a difference in your community and participate!



[www.tarcog.us](http://www.tarcog.us)

HELPING MOVE NORTH ALABAMA

# HUNTSVILLE MPO

## TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

MAY 3RD 2023 | TARCOG CONFERENCE ROOM | 10:00 A.M.

Please sign in

NAME   EMAIL	MUNICIPALITY   ORGANIZATION
Marc Massey marc.massey@limestonecounty-al.gov	Limestone County
Erin Tidwell etidwell@atlensal.us PHOENIX REBNSON@TARCOG.US	City of Athens
PHOENIX REBNSON TARCOG.US	TARCOG
Will Balderama will.balderama@tarcoq.us	TARCOG
James Vandiver james.vandiver@huntsvilleal.gov	Huntsville MPO
Sara James sara.james@tarcoq.us	TARCOG
C. Lynn Wood woodc@dot.state.al.us	ALDOT
James Giles	ALDOT
Seth Burkett	ALDOT
Rodney Ellis	ALDOT
CLINT BAKER	ALDOT
Sara Kovachich	Alta Planning



Huntsville Area

Metropolitan Planning Organization

## **Public Comment**

Comment sheets soliciting comment of the DRAFT 2024-2027 TIP were placed in the following locations from May 3<sup>rd</sup> to May 17<sup>th</sup>:

- **Madison Public Library**, 142 Plaza Blvd. Madison, AL 35758
- **North Huntsville Public Library**, 3011 Sparkman Dr. NW Huntsville, AL 35810
- **South Huntsville Public Library**, 7901 Bailey Cove Rd. SE Huntsville, AL 35802
- **Huntsville City Hall**, 2<sup>nd</sup> Floor (MPO Offices) 308 Fountain Cir. SW Huntsville, AL 35801

No comments were submitted for the Draft TIP during the public comment period.



Huntsville Area  
Metropolitan Planning Organization

Please review the

**DRAFT FY2024-2027**

**Transportation Improvement  
Program (TIP)**

and provide us with your comments.

Comment sheets are available inside  
the folder.





Huntsville Area  
Metropolitan Planning Organization

COMMENT SHEET

Comment period: May 3, 2023 – May 17, 2023

This comment sheet with your written comments, along with your name & address and any other information you provide hereon will become a part of the Official Record of this plan, and as such, is available to the general public for inspection upon request.

Your Name: \_\_\_\_\_

Your Address: \_\_\_\_\_

Your Phone Number: \_\_\_\_\_

COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Please use the back of this sheet or additional sheets as needed.)

RETURN TO FOLDER PROVIDED, OR MAIL TO:

Huntsville-Area MPO

C/O: City of Huntsville Planning Division

P.O. Box 308

Huntsville, Alabama 35804

256-427-5100


If returned by mail, we must receive comments by close of business: May 17, 2023

## Newspaper Advertisements

The MPO placed advertisements in two local newspapers prior to the May 2023 meetings where the DRAFT 2024-2027 TIP was considered:

**Speakin' Out News**, May 10, 2023

Visit our website: [www.speakinoutnews.com](http://www.speakinoutnews.com)      speakin' out news, may 10, 2023      may 10, 2023      page 7



# CLASSIFIEDS

NOTICES | BIDS | LEGALS | REAL ESTATE | SERVICES | EMPLOYMENT | BUSINESS SERVICES

To place your classified ad, please email **SPEAKIN' OUT NEWS** at [speakinoutnews@gmail.com](mailto:speakinoutnews@gmail.com).

---

### AUTOMOTIVE

**SUPPORT THE BLIND!** Donate a car to the American Council of the Blind. **FAST FREE PICKUP.** 24-hour response. Running or not, maximum tax deduction and no emission test required! Call 24/7: 844-601-1342.

**AUTO INSURANCE** from \$29/month Free 2-minute Quote! We Compare all insurance providers offers for your Lowest Rates! Call Now 866-450-0943

---

### EDUCATION

**ATTENTION ACTIVE Duty & Military Veterans!** Begin a new career and earn your Degree at CTE! Online Computer & Medical training available for Veterans & Families! To learn more, call 866-475-1014 (M-F 8am-6pm ET).

---

### FOR SALE

DirectV Satellite TV Service Starting at \$59.99/month! Free installation! 160+ channels available. Call Now to Get the Most Sports & Entertainment on TV! 844-594-7008

**NEED NEW Flooring?** Call Empire Today to schedule a Free in-home estimate on Carpeting and Flooring. Call Today! 1-888-381-0916.

**UPDATE YOUR HOME** with Beautiful New Blinds & Shades. FREE in-home estimates make it convenient to shop from home. Professional installation. Top quality - Made in the USA. Call for free consultation: 844-809-9165. Ask about our specials!

Eliminate gutter cleaning forever! LeafFilter, the most advanced debris-blocking gutter protection. Schedule a FREE LeafFilter estimate today. 20% off Entire Purchase. Plus 10% Senior & Military Discounts. Call 1-833-683-2005

**GENERAC Standby Generators** provide backup power during utility power outages, so your home and family stay safe and comfortable. Prepare now. Free 7-year extended warranty (\$695 value!). Request a free quote today! Call for additional terms and conditions. 1-877-323-5516

---

### HEALTH/BEAUTY

**ATTENTION OXYGEN THERAPY USERS!** Inogen One G4 is capable of full 24/7 oxygen delivery. Only 2.8 pounds. FREE information kit. Call 844-322-9935.

**ATTENTION VIAGRA and CIALIS USERS!** A cheaper alternative to high drugstore prices! 50 Pill Special - \$99 + FREE Shipping! 100% guaranteed. CALL NOW: 866-505-0828.

---

### SERVICES

**SELLING a RV, Tractor or Golf Cart? ADVERTISE STATEWIDE** or by region in over 100 Newspapers, reaching over 1 million readers each week! Run your ad in our Classified Network for just \$210 per week! Make one call to this newspaper (participating Ala-SCAN newspaper) or call 1-800-264-0043 to find out how easy it is to advertise statewide!

---

### HUNTSVILLE AREA METROPOLITAN PLANNING ORGANIZATION MEETINGS

The Citizens Advisory Committee of the Huntsville Area Metropolitan Planning Organization will meet Monday, May 15, 2023 at 5:00 pm in the 1st Floor Urban Development Conference Room at 320 Fountain Cir. SW. The Metropolitan Planning Organization Policy Board meets on Wednesday, May 17, 2023 at 4:00 pm in the 1st Floor Council Chambers of Huntsville City Hall, 308 Fountain Cir. SW. To review items on the agenda for these meetings, visit: <http://www.huntsvillempo.org/about/meetings-and-agenda/>. For more information on the MPO, visit: <http://www.huntsvillempo.org/>

---

### PREQUALIFICATION AND ADVERTISEMENT FOR BIDS

Sealed Bid Proposals will be received by The University of Alabama at Birmingham Facilities Planning Design and Construction at the Facilities Administration Building Conference Center, 801 6th Avenue South, Birmingham, Alabama 35294, **Thursday, 8 June until 2:00 pm Central Time for UAB Project No. 210031, Ryals Public Health Roof Replacement** located at 165 University Blvd Birmingham, Alabama 35233 at which time they will be opened and read.

Prime Contractors that are properly licensed for this type of work are required to prequalify in order to bid. For more information about the project and how to prequalify, please go to the UAB Facilities Bid Calendar at [www.uab.edu/facilities/bid\\_calendar](http://www.uab.edu/facilities/bid_calendar), refer to the bid item above, and click on the specific project number.

Applicants for Prequalification are strongly encouraged to submit applications at the earliest date possible following the first date of advertisement. UAB will review applications as submitted and notify applicants within two (2) working days of submission. Pre-qualification Applications should be submitted in a pdf format to [shirrell@uab.edu](mailto:shirrell@uab.edu) no later than **3:00pm Central, Friday, 02 June 2023**.

A Prebid Conference for all interested Contractors will be held at the job site at the above address at **10:00am Central Time, Monday, 15 May 2023**.

Bid Documents will be available from the UAB Facilities Bid Calendar prior to the Prebid Conference.

---

### NOTICE TO THE PUBLIC AND NOTICE TO THE OWNERS OF PROPERTY AFFECTED BY THE DECISIONS OF THE BOARD OF ZONING ADJUSTMENT

Public notice is hereby given of a Public Hearing to be held by the Board of Zoning Adjustment of the City of Huntsville, on the 16th of May at 308 Fountain Circle in the City of Huntsville, Alabama, at which hearing it is to be determined whether or not the Board of Zoning Adjustment of the City of Huntsville, Alabama, shall give its written approval of the following variances and/or special exceptions:

- A special exception to construct a wireless telecommunication tower in a Residential 1A Zoning District, a height variance request for a wireless telecommunication tower, and a variance to allow the reduction in landscaping requirements for the tower site at 2441

---

### RESOLUTION NO. 23-267

WHEREAS, the Planning Commission of the City of Huntsville, Alabama, has given consideration to an amendment to the Zoning Ordinance, a synopsis of said amendment being as follows:

- The rezoning of certain land lying on the west and east side of Memorial Parkway and north of Industrial Drive from Light Industry District to Highway Business C-4 and Neighborhood Business C-1 Districts.
- The first publication of this resolution, the synopsis, and the ordinance hereunder set out at length shall be in the "Speakin' Out News" on the 1<sup>st</sup> day of May, 2023, and the second publication shall be one week thereafter on the 12<sup>th</sup> day of May, 2023, both of which publications shall be at least 15 days in advance of the date of the public hearing hereinafter referred to.

WHEREAS, it is the judgment and opinion of the City Council of the City of Huntsville, Alabama, that consideration should be given to the adoption of an amendment to the Zoning Ordinance of the City of Huntsville, Alabama, in accordance with said request;

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Huntsville, Alabama, as follows:

- That the City Council of the City of Huntsville, Alabama, shall meet at 5:30 pm on the 22<sup>nd</sup> day of May, 2023, in the Council Chambers of the City of Huntsville Administration Building at 308 Fountain Circle in the City of Huntsville, Alabama, for the purpose of holding a public hearing at which time and place all persons, parties in interest and others who desire, shall have an opportunity to be heard in opposition to or in favor of said Ordinance No. 23-268, which is introduced by the City Council of the City of Huntsville on the 12<sup>th</sup> day of April, 2023.
- That the proposed amendment to the Zoning Ordinance of the City of Huntsville, Alabama, is substantially in words and figures as follows:

---

### ORDINANCE NO. 23-268

#### AN ORDINANCE TO AMEND THE ZONING ORDINANCES OF THE CITY OF HUNTSVILLE, ALABAMA

The public notice requiring a reading and order subject granted by Ordinance 1-132-78 of the 1973 Code of Alabama, BE IT ORDAINED by the City Council for the City of Huntsville, Alabama, as follows:

- That the following area, land lying on the west and east side of Memorial Parkway and north of Industrial Drive, which area is now shown and classified on the Official Zoning Map of the City of Huntsville, Alabama, Light Industry District, shall be shown and classified on the Official Zoning Map of the City of Huntsville, Alabama, as Highway Business C-4 District, in the Zoning Ordinance of the City of Huntsville, Alabama, said property being particularly described as follows:

All that part of Section 12, Township 03 South, Range 01 West of the Huntsville Meridian, in the City of Huntsville, Madison County, Alabama, more particularly described as beginning at a point located at the Northeast Corner of said Section 12; thence South 09 Degrees 20 Minutes 36 Seconds West 417.74 feet to a point; said point is further described as the Point of True Beginning; thence South the First of True Beginning, South 51 Degrees 16 Minutes 15 Seconds West 376.21 feet to a point; thence South 01 Degree 16 Minutes 26 Seconds West 3.84 feet to a point; thence South 88 Degrees 43 Minutes 02 Seconds East 20.15 feet to a point; thence South 61 Degree 20 Minutes 23 Seconds West 296.57 feet to a point; thence South 06 Degree 20 Minutes 03 Seconds West 3.11 feet to a point; thence North 89 Degree 43 Minutes 33 Seconds West 1978 feet to a point; thence South 03 Degree 18 Minutes 34 Seconds West 776.16 feet to a point; thence South 84 Degree 28 Minutes 29 Seconds East 59.23 feet to a point; thence South 01 Degree 17 Minutes 04 Seconds West 11.43 feet to a point; thence South 01 Degree 37 Minutes 04 Seconds West 478.26 feet to a point; thence North 88 Degree 39 Minutes 57 Seconds West 19.83 feet to a point; thence North 89 Degree 06 Minutes 00 Seconds West 252.72 feet to a point; thence North 89 Degree 00 Minutes 01 Second West 157.30 feet to a point; thence North 89 Degree 00 Minutes 02

THE VALLEY WEEKLY  
**VALLEY DEATHS**  
**NELMS MEMORIAL FUNERAL HOME**  
 2501 Carmichael Avenue NW  
 Huntsville, AL 35816 - (256) 539-8189

Funeral service for MS. NARISSA ANN DARNELL (b. 1979) was held Sunday, May 7, at Saint Mark Baptist Church with Elder Jeremiah Chester officiating.

Funeral service for MRS. KAREN BALDWIN TONEY (b. 1955) was held Saturday, May 6, at New Birth Missionary Baptist Church (4640 Meridian Street North - Huntsville, Ala.) with The Reverend Terence Haley officiating.

Funeral service for MS. GERALDINE SAFFORD (b. 1947) was held Saturday, April 29, at Good Hope Baptist Church (County Road 434 - Pleasant Hill Road - Sardis, Ala.).

**ROYAL FUNERAL HOME**  
 4315 Oakwood Avenue NW  
 Huntsville, AL 35810 - (256) 534-8481

Funeral service for MRS. ANDREA COLLIER (b. 1962) will be 12 Noon, Saturday, May 13, at the Blackburn Chapel C.P.C.A. Church (507 Plummer Road, Huntsville, Ala.) with Pastor Angela Anderson officiating.

Funeral service for MS. QUEENTELLA MAPLES HORTON (b. 1963) will be 1 p.m., Saturday, May 13, at the Indian Creek Primitive Baptist Association Tabernacle (6378 Pulaski Pike NW, Huntsville, Ala.) with Reverend Dennis Green officiating.

Funeral service for MASTER KOBE KYRIE THEARD (b. 2013) will be 12:30 p.m., Saturday, May 13, 2023 at the Royal Chapel of Memories (4315 Oakwood Avenue, NW Huntsville, Ala.) with Pastor Waymond Smith officiating.

Funeral service for MR. DUSTIN LAMAR HENRY (b. 2005) will be 2 p.m., Friday, May 12, at the New Life Seventh-Day Adventist (3912 Pulaski Pike, NW Huntsville, AL 35810) Pastor Nelson Stokes officiating.

Funeral service for MRS. EVELYN S. RICH (b. 1933) was held Saturday, May 6, at the Fellowship Presbyterian Church (3406 Meridian Street N, Huntsville, Ala.) with Pastor Gregory J. Bentley officiating.

**SERENITY FUNERAL HOME**  
 2505 University Drive NW  
 Huntsville, AL 35816 (256) 539-9693

Funeral service for MR. WILLIE "DOZIER BOY" DOZIER (b. 1970) was held Tuesday, May 9, at Serenity Funeral Home.

Funeral service for MS. DOROTHY WILLIAMS (b. 1959) will be announced at a later date.

Valley Weekly  
**Spiritual Game Plan**  
 PRESTON BROWNS



**"FALSE PROPHETS"**

Matthew 7:15-16 says, "Watch out for false prophets. They come to you in sheep's clothing but inwardly they are ferocious wolves. By their fruit you will recognize them."

You know, some people just can't help who they are. Even though they disguise themselves very well, the truth comes out in the end. These types of people know all the right things to say, to get you to "buy in" to whatever it is that they are trying to sell; however, the truth always comes out in the end. These types of people

are masters when it comes to disguising the truth and may even appeal to your rational senses but in the end it's all a lie or a "conspiracy theory". The writer Matthew compares these types of people to "fruit trees." Matthew tells us that every good tree bears good fruit; however, a bad tree can only bear bad fruit. It's just their nature.

This comparison reminds me of a story about the scorpion and the turtle. Remember, the crafty scorpion couldn't swim and needed assistance from the turtle to help him cross the river. Now the turtle knew this was against his better

judgment; however, the deceptive scorpion talked him into it. And, because the scorpion was a "false prophet," so to speak, he ended up doing what scorpions do: he stung the unsuspecting turtle.

While they were drown-

ing the confused turtle asked the scorpion, "Why did you sting me after I agreed to help you cross the river?" The scorpion answered, "It is my nature to sting." Just like some people, they can't help who they

are; however, the truth always comes out in the end. My brothers and sisters, as we go through life, beware of "false prophets," because they will always lead you to destruction. Stay encouraged and be safe.



Make sure you purchase a copy of my books, "A CHAMPION GAME PLANS FOR LIFE" and "SPIRITUAL GAME PLANS FOR A SUCCESSFUL LIFE" at amazon.com or westbow books.

**Huntsville Area Metropolitan Planning Organization Meetings**

The Citizens Advisory Committee of the Huntsville Area Metropolitan Planning Organization will meet Monday, May 15, 2023 at 5:00 pm in the 1st Floor Urban Development Conference Room at 320 Fountain Cir. SW. The Metropolitan Planning Organization Policy Board meets on Wednesday, May 17, 2023 at 4:00 pm in the 1st Floor Council Chambers of Huntsville City Hall, 308 Fountain Cir. SW. To review items on the agenda for these meetings, visit: <http://www.huntsvillempo.org/about/meetings-and-agendas/>. For more information on the MPO, visit: <http://www.huntsvillempo.org/>

SHARE YOUR VIRTUAL FREE COPIES of The Valley Weekly Each Week! Visit ValleyWeeklyllc.com

SERENITY FUNERAL HOME  
 2505 University Dr. NW  
 Huntsville, Alabama 35816  
 (256) 539-9693

A New Generation Of Service

**Appendix E**  
**Regionally Significant**  
**Projects/Financial**  
**Constraint Plan**

## Regionally Significant Projects

Project	2024	2025	2026	2027	TOTAL
University-Medical BRT	\$ 1,750,000	\$ 1,750,000	\$ 5,000,000	\$ 5,000,000	\$ 13,500,000
Capshaw Road Improvements		\$ 2,000,000			\$ 2,000,000
County Line Road Realignment				\$ 3,000,000	\$ 3,000,000
Eastern Bypass				\$ 5,000,000	\$ 5,000,000
Arsenal East Connector				\$ 5,000,000	\$ 5,000,000
Governors Drive Improvements	\$ 5,000,000				\$ 5,000,000
Holmes Avenue Improvements	\$ 5,000,000	\$ 7,000,000	\$ 5,000,000		\$ 17,000,000
Northern Bypass US 231 to Winchester	\$ 2,000,000	\$ 7,000,000	\$ 5,000,000		\$ 14,000,000
Northern Bypass Winchester to US 72			\$ 3,000,000	\$ 5,000,000	\$ 8,000,000
Old Big Cove Road	\$ 5,000,000	\$ 5,000,000			\$ 10,000,000
Hobbs Island Road Bridge Replacement			\$ 5,000,000		\$ 5,000,000
Church Street Bridge			\$ 5,000,000		\$ 5,000,000
Resolute Way Interchange at I-565		\$ 50,000,000			\$ 50,000,000
Jeff Road Widening- Capshaw to Douglass		\$7,000,000	\$ 23,150,000		\$ 30,150,000
Wall-Triana- US 72 to McCrary Rd.	\$11,300,000				\$ 11,300,000
Huntsville-Brownsferry Rd. 3-Lane Widening- Holladay Blvd. to Oakland Church	\$2,500,000				\$ 2,500,000
Sullivan St. 3-Lane Widening- Mill Rd. to Browns Ferry Rd.			\$3,500,000		\$ 3,500,000
Royal Drive Extension Phase 2				\$12,000,000	\$ 12,000,000
Downtown Multimodal Transit Center and Redesign/Renovations to Operations Facility	\$1,380,000	\$400,000			\$ 1,780,000
Low/No Emission Buses & Infrastructure			\$1,240,000	\$1,240,000	\$ 2,480,000

## ALDOT SPREADSHEET FOR ALL TIP Fiscal Years 2024 Through 2027 - Financial Plan HUNTSVILLE AREA MPO

Includes FY2023 funds that have not been authorized as of 8/10/2023

	2024	2025	2026	2027
<b>Surface Transportation Attributable Projects</b>				
Carryover From Previous Year (Federal Funds Only)	\$10,395,440	\$9,512,406	\$3,985,711	\$6,424,289
Estimated Apportionment (Federal Funds Only)	\$8,316,966	\$8,483,305	\$8,652,971	\$8,652,971
Estimated Funds Available to the MPO for Programming (Federal Funds Only)	\$18,712,406	\$17,995,711	\$12,638,682	\$15,077,260
Estimated Cost of Planned Projects (Federal Funds Only)	\$9,200,000	\$14,010,000	\$6,214,393	\$2,649,600
Balance Forward (Federal Funds Only)	\$9,512,406	\$3,985,711	\$6,424,289	\$12,427,660
<b>Carbon Reduction Attributable Projects</b>				
Carryover From Previous Year (Federal Funds Only)	\$1,942,276	\$1,723,029	\$2,703,782	\$3,684,535
Apportionment (Federal Funds Only)	\$980,753	\$980,753	\$980,753	\$0
Funds Available to the MPO for Programming (Federal Funds Only)	\$2,923,029	\$2,703,782	\$3,684,535	\$3,684,535
Estimated Cost of Planned Projects (Federal Funds Only)	\$1,200,000	\$0	\$0	\$0
Balance Forward (Federal Funds Only)	\$1,723,029	\$2,703,782	\$3,684,535	\$3,684,535
<b>Other Surface Transportation Program Projects (includes Bridge projects not on NH System)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$4,474,600	\$23,159,890	\$9,045,000	\$0
<b>National Highway Performance Program ( APD, IM, Bridge projects on NH System)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$68,315,882	\$26,557,438	\$0	\$0
<b>Appalachian Highway System Projects</b>				
MPO Area Estimated Cost of Planned Projects (Total Funds)	\$0	\$0	\$0	\$0
<b>Transportation Alternatives (Tables 5 &amp; 8)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$2,490,311	\$0	\$0	\$0
<b>State Funded Projects (Tables 7 &amp; 10)</b>				
MPO Area Estimated Cost of Planned Projects (Total Funds)	\$0	\$0	\$0	\$0
<b>Transit Projects</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$36,014,483	\$5,211,887	\$5,790,000	\$5,790,000
<b>Safety Projects including Railroad (Table 11)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$2,308,646	\$0	\$5,888,170	\$0
<b>Covid Relief Funds (Table 12)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$30,000,000	\$0	\$0	\$0
<b>Carbon Reduction Funds (Table 12)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$0	\$0	\$0	\$0
<b>Rebuild Alabama Funds (Table 12)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$0	\$0	\$0	\$0
<b>ATRIP II Funds (Table 12)</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$0	\$0	\$0	\$0
<b>Other Federal Funds (Table 12)-- Includes FAUP and RAISE, etc.</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$24,549,731	\$0	\$0	\$0
<b>Congestion Mitigation and Air Quality Projects - Birmingham Area Only</b>				
Carryover From Previous Year (Federal Funds Only)				
Apportionment (Federal Funds Only)				
Funds Available for Programming (Federal Funds Only)		Not applicable to Huntsville MPO		
Estimated Cost of Planned Projects (Federal Funds Only)				
Balance Forward (Federal Funds Only)				
<b>High Priority and Congressional Earmark Projects</b>				
MPO Area Estimated Cost of Planned Projects (Federal Funds Only)	\$0	\$0	\$0	\$0

# **Appendix F**

## **Livability Principles**

## Livability Principles and Indicators

The details of Livability Principles and Indicators are listed in Section 1. The measurement of the sustainability of these Livability Principles are included below. These measurements were collected through the US Census Bureau and other sources. The future provision of this data is dependent upon these agencies and organizations.

Following are the Livability Principles and the Livability Indicators that measure each:

### 1. Provide more Transportation Choices

Number of Households Located Within 1/2 Mile of Transit Service Area

- 47,447 (28.4% of total = 167,155)  
Source: US Census Bureau, 2020 Census

Total Number of Employees Located Within 1/2 Mile of Transit Service

- 119,413 (49.8% of total = 239,969)  
Source: Esri/Infogroup, 2022 Estimates

Total miles of alternative transportation routes currently built in MPO Area

- Total Multi-use paths: 20 miles
- Total Greenways: 45.1 miles
- Total Bike Lanes: 13.5 miles

### 2. Promote Equitable and Affordable Housing

Percent of Household Income Spent on Housing

- 22%

Percent of Household Income Spent on Transportation

- 22%  
Source: Housing and Transportation Affordability Index, Center for Neighborhood Technology

### 3. Enhance Economic Competitiveness

Percent of Workforce With 29 Minute or Less Commute Time

- 72.5%

Percent of Workforce With 30 Minute or More Commute Time

- 27.5%  
Source: US Census Bureau, 2016-2020 American Community Survey, 5-Year Estimates, Table B08012 ("Sex of Workers by Travel Time to Work")  
*Note: Includes workers ages 16 and over who did not work at home*



**4. Support Existing Communities**

Number of projects contained in the current Transportation Improvement Program that enhance or support existing communities (non-roadway projects)

- There are 79 non-roadway projects in the 2024-2027 TIP including four alternative modes projects and 75 transit projects.

Percentage of current LRTP projects that contain bicycle and pedestrian elements, excluding transit projects.

- 108 bicycle and pedestrian projects listed in 2045 Long Range Transportation Plan (LRTP)
- 219 total projects listed in the 2045 Long Range Transportation Plan (LRTP)
- ~49% of projects in the current LRTP contain bicycle and pedestrian elements

**5. Coordinate Policies and Leverage Investments**

Percent of Transportation Projects Where More Than One Funding Source is Utilized

- Considering local match, local purchase or donation of right of way, and various state and local funding partnership programs (ATRIP, Restore our Roads), all projects (100%) in the TIP have multiple funding sources.
- Considering multiple federal funding sources for a single project, nine projects in the TIP have multiple federal funding sources.

Sample List of policies and plans coordinated with MPO policies and plans:

- 2045 LRTP
- 2024-2027 TIP
- 2018 Public Participation Plan
- 2021 MPO Bikeway Plan
- City of Huntsville “BIG Picture” Comprehensive Plan
- Huntsville International Airport Master Plan
- City of Madison “On Track 2045” Comprehensive Plan
- Madison County Transportation Plan
- 2015 Human Services Coordinated Transportation Plan
- 2023 Huntsville Transit Study
- 2021 High-Capacity Transit Study
- 2019-2021 Regional Commuter Study/Congestion Management Process

**6. Value Communities and Neighborhoods**

Number of Households Located Within 1/2 Mile of Transit Service Area

- 47,447 (28.4% of total)  
Source: US Census Bureau, 2020 Census

Total Number of Employees Located Within 1/2 Mile of Transit Service

- 119,413 (49.8% of total)  
Source: Esri/Infogroup, 2022 Estimates

Households Located 1/4 Mile From Major Retail Services

- 6,729 (4% of total)  
Source: US Census Bureau, 2020 Census

Households Located 1/4 Mile From Recreational Facilities

- 31,544 (18.9% of total)  
Source: US Census Bureau, 2020 Census

# **Appendix G**

## **MPO Self-Certification**

---

# SELF-CERTIFICATION OF THE METROPOLITAN - TRANSPORTATION PLANNING PROCESS

## TABLE OF CONTENTS

Section	Page
1.1 PURPOSE .....	1-2
1.2 AUTHORITY .....	1-2
1.3 SCOPE .....	1-2
1.4 REFERENCES .....	1-2
1.5 FEDERAL CERTIFICATION REQUIREMENTS .....	1-3
1.6 CERTIFICATION PROCESS & QUESTIONS .....	1-4

---

## 1.1 PURPOSE

This chapter provides guidance to the Alabama Department of Transportation for the certification of the metropolitan transportation planning process conducted by ALDOT.

## 1.2 AUTHORITY

Infrastructure Investment and Jobs Act <https://www.fhwa.dot.gov/bipartisan-infrastructure-law/>

23 U.S.C. (United States Code) 134 (k)(5)

49 U.S.C. 5303 (k)(5)

23 C.F.R. (Code of Federal Regulations) 450.334

## 1.3 SCOPE

Federal law and regulation require ALDOT and the MPOs to jointly certify the transportation planning process for the metropolitan area concurrent with the submittal of the entire TIP to the FHWA and the FTA as part of the STIP approval at least every four years. This chapter is intended for use by ALDOT and MPO staff to assist them in carrying out the self-certification requirements.

## 1.4 REFERENCES

- 23 U.S.C. 134 -----(Metropolitan Planning)
- 42 U.S.C. 2000d et seq. -----(Title VI of the Civil Rights Act of 1964)
- 42 U.S.C. 12101 -----(Americans with Disabilities Act of 1990)
- 42 U.S.C. 7504 and 7506(c) and (d) (Transportation Air Quality Conformity)
- 49 U.S.C. 5303----- (Metropolitan Planning)
- Section 11101(e) of the IIJA -----(Disadvantaged Business Enterprises)

---

<b>23 C.F.R. 450</b>	-----	(Metropolitan Planning)
<b>49 C.F.R. Part 26</b>	-----	(Disadvantaged Business Enterprises)
<b>49 C.F.R. 27</b>	-----	(Nondiscrimination on the Basis of Disability in Programs and Activities Receiving Federal Financial Assistance)
<b>49 C.F.R. 37</b>	-----	(Transportation Services for Individuals with Disabilities)
<b>49 C.F.R. 38</b>	-----	(Americans with Disabilities Act (ADA) Accessibility Specifications for Transportation Vehicles)

## **1.5 SELF-CERTIFICATION REQUIREMENTS**

23 C.F.R. 450.334 requires that concurrent with the submittal of the entire proposed TIP to FHWA and FTA as part of the STIP approval, the State and MPO shall certify at least every four years that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including:

- (1) The metropolitan planning requirements identified in *23 U.S.C. 134* and *49 U.S.C. 5303*;
- (2) In non-attainment and maintenance areas, Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 C.F.R. Part 93;
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 C.F.R. Part 21;
- (4) 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 11101(e) of the IIJA (Public Law 117-58) and 49 C.F.R. Part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (6) 23 C.F.R. Part 230 regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and *49 C.F.R. Parts 27, 37, and 38*;

- 
- (8) The Older Americans Act, as amended (42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
  - (9) Section 324 of 23 U.S.C. regarding the prohibition of discrimination on the basis of gender; and
  - (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 C.F.R. Part 27 regarding discrimination against individuals with disabilities.

## 1.6 CERTIFICATION PROCESS & QUESTIONS

When the new STIP and TIPs are developed, ALDOT should contact each of the MPOs to schedule the certification review. The meeting should be scheduled so that ALDOT can provide **preliminary results of the certification**. At the meeting, ALDOT and the MPO will review all the planning requirements mandated by the 10 areas of law referenced in Section 1.5 and the questions outlined in this section.

The list of questions provided below identifies those minimum tasks that an MPO shall do in order to be fully certified. If the answer to one of the questions below is negative and if the problem cannot be corrected prior to the signing of the joint certification statement, ALDOT has the option of granting conditional certification and including corrective action in the joint certification statement. The corrective action should include a date by which the problem must be corrected. This list is intended to be as comprehensive as possible; however, it is possible that some requirements may have been overlooked and will need to be added at a later date.

Section (1): The metropolitan planning requirements of 23 U.S.C. 134 and 49 U.S.C. 5303;

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the largest incorporated city, and in accordance with procedures set forth in state and local law? [23 U.S.C. 134 (d)(1)(A) and (B); 49 U.S.C. 5303 (d); 23 C.F.R. 450.310 (b)]
2. For Transportation Management Areas (TMAs) only, does the MPO policy board include local elected officials, officials that administer or operate major modes of transportation, and appropriate state officials? [23 U.S.C. 134 (d)(2)(A), (B), &

---

(C); 49 U.S.C. 5303 (d); 23 C.F.R. 450.310 (d)]

3. Does the MPO have up to date agreements such as the transportation planning agreement that creates the MPO, the financial agreement, and, if applicable, a transportation planning agreement between the MPOs, State, and public transportation operators where more than one MPO has been designated to serve an urbanized area? [23 C.F.R. 450.314]
4. Does the MPO boundary encompass the existing urbanized area and contiguous area expected to become urbanized within 20-year forecast period? [23 U.S.C. 134 (e)(2); 49 U.S.C. 5303 (e); 23 C.F.R. 450.312 (a)]
5. Did ALDOT send a copy of the boundary map to FHWA and FTA? [23 C.F.R. 450.312 (j)]
6. For projects located within the boundaries of more than one MPO, does the MPO coordinate the planning of these projects with the other MPO(s)? [23 U.S.C. 134 (g)(2)]
7. Does the MPO planning process provide for consideration of the 10 planning factors? [23 U.S.C. 134 (h); 23 C.F.R. 450.306 (b)]
8. Did the Long-Range Transportation Plan (LRTP) have at least a 20-year horizon at the time of adoption of the last major update? [23 U.S.C. 134 (i)(2)(A); 23 C.F.R. 450.324 (a)]
9. Did the LRTP address the following areas in accordance with 23 U.S.C. 134 (i)(2), 49 U.S.C. 5303 (f)?
  - Identify projected transportation demand of persons and goods in the metropolitan planning area over the period of the transportation plan.
  - Identify major transportation facilities (including major roadways, public transportation facilities, intercity bus facilities, multimodal and intermodal facilities, nonmotorized transportation facilities) that function as an integrated metropolitan transportation system, giving emphasis to facilities that serve national and regional transportation functions.
  - Include a description of the performance measures and performance targets used in assessing the performance of the transportation system in accordance with 23 USC 134(h)(2).



- 
- Include a system performance report and subsequent updates evaluating the condition and performance of the transportation system with respect to the performance targets described in 23 USC 134(h)(2).
  - Include discussion of types of potential environmental mitigation activities and potential areas to carry out these activities, including activities that may have the greatest potential to restore and maintain the environmental functions affected by the plan.
  - Include a financial plan that showed the public and private revenue sources that could reasonably be expected.
  - Include discussion of operational and management strategies to improve the performance of existing transportation facilities to relieve vehicular congestion and maximize the safety and mobility of people and goods.
  - Include discussion of capital investment and other strategies to preserve the existing and projected future metropolitan transportation infrastructure, provide for multimodal capacity increases based on regional priorities and needs, and reduce the vulnerability of the existing transportation infrastructure to national disasters.
  - Indicate as appropriate proposed transportation and transit enhancement activities.

10. Did the LRTP address the following minimum required areas in accordance with 23 C.F.R. 450.324 (f)?

- Identify projected transportation demand of persons and goods in the metropolitan planning area over the period of the transportation plan;
- Identify existing and proposed transportation facilities (including major roadways, transit, multimodal and intermodal facilities, pedestrian walkways and bicycle facilities, and intermodal connectors);
- Include a description of the performance measures and performance targets used in assessing the performance of the transportation system in accordance with 23 C.F.R. 450.306(d).
- Include a system performance report and subsequent updates evaluating the condition and performance of the transportation system with respect to the performance targets described in 23 C.F.R. 450.306(d)

- 
- Include operational and management strategies to improve the performance of existing transportation facilities;
  - In TMA areas, consider the results of the congestion management process;
  - Include an assessment of capital investment and other strategies to preserve the existing and projected future metropolitan transportation infrastructure and provide for multimodal capacity increases based on regional priorities and needs;
  - Describe the proposed improvements in sufficient detail to develop cost estimates;
  - Discuss types of potential environmental mitigation activities and potential areas to carry out these activities;
  - Include pedestrian walkway and bicycle transportation facilities;
  - Include transportation and transit enhancement activities;
  - Include a financial plan that demonstrates how the adopted transportation plan can be implemented
  - Include design concept and design scope descriptions of all existing and proposed transportation facilities in sufficient detail, regardless of funding sources, in nonattainment and maintenance areas for conformity determinations under the EPA's transportation conformity regulations (40 C.F.R. part 93, subpart A).

11. Has the LRTP been reviewed and updated at least 5 years since the date of the last MPO Board action? If the MPO planning area is in nonattainment and maintenance areas, has the LRTP been reviewed and updated at least 4 years since the last board action? [23 U.S.C. 134 (i)(1); 23 C.F.R. 450.324 (c)]

12. Has the MPO sent all updates/amendments of the LRTP to FHWA and FTA via the ALDOT's Local Transportation Bureau? [23 C.F.R. 450.324 (c)]

13. Was the TIP developed in cooperation with the State and local transit operators? [23 U.S.C. 134 (j)(1)(A); 49 U.S.C. 5303 (a); 23 C.F.R. 450.326 (a)]

14. Was the TIP updated at least every 4 years and approved by the MPO and the Governor? [23 U.S.C. 134 (j)(1)(D); 23 C.F.R. 450.326 (a)]

- 
15. Was the TIP financially constrained and did it include only revenues that could be reasonably expected? [23 U.S.C. 134 (j)(2)(B); 49 U.S.C. 5303 (j); 23 C.F.R. 450.326 (h)]
  16. Did the TIP contain a priority list of federally supported projects to be supported over the next four years? [23 U.S.C. 134 (j)(2)(A); 49 U.S.C. 5303 (j); 23 C.F.R. 450.326 (a)]
  17. Did the TIP contain all regionally significant projects, as defined by 23 C.F.R. 450.104? [23 U.S.C. 134 (j)(3)(B); 49 U.S.C. 5303 (j)(2); 23 C.F.R. 450.326 (d)]
  18. Was the TIP consistent with the LRTP? [23 U.S.C. 134 (j)(3)(C); 49 U.S.C. 5303 (j)(1); and 23 C.F.R. 450.326 (i)]
  19. Does the TIP identify the criteria and process for prioritizing implementation of transportation plan elements (including inter-modal trade-offs) for inclusion in the TIP and any changes in priorities from previous TIPs? [23 C.F.R. 450.326 (n) (1)]
  20. Did the TIP include a listing of projects for which Federal funds have been obligated in the preceding year, or was this list otherwise made available for public review? [23 U.S.C. 134 (j)(7)(B); 49 U.S.C. 5304 (j)(7); 23 C.F.R. 450.326 (b) and (n)]
  21. When developing the LRTP and TIP, did the MPO provide citizens, affected public agencies, representatives of transportation agency employees, freight shippers, providers of freight transportation services, private providers of transportation, representatives of users of public transit, and other interested parties with a reasonable opportunity to comment on the proposed plan and program? [23 U.S.C. 134 (i)(6)(A) and (j)(4)]
  22. Is the LRTP and TIP of the MPO published or otherwise readily available for public review? [23 U.S.C. 134 (i)(6) and (j)(7)(A)]
  23. Did the UPWP identify work proposed for the next one- or two-year period by major activity and task in sufficient detail to indicate who will perform the work, the schedule for completing the work, the resulting products, the proposed funding by activity/task, and a summary of the total amounts and sources of Federal and matching funds? [23 C.F.R. 450.308 (c)]
  24. Did the UPWP document planning activities to be funded with through Title 23 U.S.C. and the Federal Transit Act? [23 C.F.R. 450.308 (b)]

- 
25. Were the transportation plans and programs of the MPO based on a continuing, comprehensive, and cooperative process? [23 U.S.C. 134 (c)(3), 49 U.S.C. 5303 (c)(3)]
  26. If located in a Transportation Management Area, does the MPO have an up to date congestion management process? [23 U.S.C. 134 (k)(3)]
  27. Does the MPO have a documented Public Participation Plan that defines a process for members of the public to have reasonable opportunity to participate in the planning process? [23 C.F.R. 450.316 (a)]
  28. Has the MPO recently reviewed its Public Participation Plan? [23 C.F.R. 450.316 (a)(1)(x)]
  29. When the Public Participation Plan was adopted, was it made available for public review for at least 45 days? [23 C.F.R. 450.316(a)(3)]

Section (2): The requirements of Sections 174 and 176 (c) and (d) of the Clean Air Act (for air quality nonattainment and maintenance areas only)

1. How does the MPO coordinate the development of the Transportation Plan with SIP development?
2. How does the MPO's UPWP incorporate all of the metropolitan transportation-related air quality planning activities addressing air quality goals, including those not funded by FHWA/FTA?
3. Does the metropolitan planning process include a Congestion Management Process that meets the requirements of 23 C.F.R. Part 450.322? What assurances are there that the Transportation Plan incorporates travel demand and operational management strategies, and that necessary demand reduction and operational management commitments are made for new SOV projects?
4. How does the MPO ensure that the TIP includes all proposed federally and non-federally funded regionally significant transportation projects, including intermodal facilities?

---

Sections (3), (4), and (7) through (10): The prohibitions against discrimination on the basis of race, color, creed, national origin, age, gender, or disability as dictated by Title VI of the Civil Rights Act of 1964, as amended; 49 U.S.C. 5332; 23 U.S.C. 324; the Americans with Disabilities Act; the Older Americans Act; and Section 504 of the Rehabilitation Act of 1973

1. Does the MPO have a signed Title VI policy statement expressing commitment to non-discrimination? [23 C.F.R. 200.9 (a)(1)]
2. Does the MPO take action to correct any deficiencies found by ALDOT within a reasonable time period, not to exceed 90 days, in order to implement Title VI compliance? [23 C.F.R. 200.9 (a)(3)]
3. Does the MPO have a staff person assigned to handle Title VI and ADA related issues? This does not need to be a full-time equivalent position, but there should be at least someone at the MPO for whom Title VI and ADA is an extra duty area. [23 C.F.R. 200.9 (b)(1); 49 C.F.R. 27.13]
4. Does the MPO have a procedure in place for the prompt processing and disposition of Title VI and Title VIII complaints, and does this procedure comply with ALDOT's procedure? [23 C.F.R. 200.9 (b)(3)]
5. Does the MPO collect statistical data (race, color, national origin, sex, age, disability) of participants in, and beneficiaries of the programs and activities of the MPO? [23 C.F.R. 200.9 (b)(4)]
6. Does the MPO conduct an annual review of their program areas (for example: public involvement) to determine their level of effectiveness in satisfying the requirements of Title VI? [23 C.F.R. 200.9 (b)(6)]
7. Has the MPO participated in any recent Title VI training, either offered by the state, organized by the MPO, or some other form of training, in the past year?
8. Does the MPO have a signed Non Discrimination Agreement, including Title VI Assurances, with the State?
9. Do the MPO's contracts and bids include the appropriate language as shown in the appendices of the Non Discrimination Agreement with the State?
10. Does the MPO hold its meetings in locations that are ADA accessible? [49 C.F.R. 27.7 (5)]

- 
11. Does the MPO take appropriate steps to ensure its communications are available to persons with impaired vision and hearing? [49 C.F.R. 27.7 (6)(c)]
  12. Does the MPO keep on file for 1 year all complaints of ADA non-compliance received and for 5 years a record of all complaints in summary form? [49 C.F.R. 27.121]
  13. Have all the local governments included within the MPO's study area boundary completed an ADA Transition Plan? Please provide a table indicating the status of the transition plans and copy of the completed transition plans.

Section (5): Section 11101(e) of the IIJA regarding the involvement of disadvantaged business enterprises in FHWA and FTA planning projects (*49 C.F.R. Part 26*) Note: MPOs that are part of municipal or county governments may have some of these processes handled by the host agency.

1. Does the MPO have an ALDOT approved DBE plan?
2. Does the MPO track DBE participation?
3. Does the MPO report actual payments to DBEs?
4. Does the MPO include the DBE policy statement in its boilerplate contract language for consultants and sub-consultants?

Section (6): 23 C.F.R. Part 230 regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.

1. Has the MPO implemented an equal employment opportunity program?

**450.334 Self-certifications and Federal certifications.**

Each MPO is required to include the new certification form in the TIP when updating the TIP every four (4) years and send a copy of the certification form to ALDOT's Local Transportation Bureau. After the Transportation Director at ALDOT signs the certification form, the Local Transportation Bureau will return a signed copy of the certification form to each MPO to be placed in the MPO's project folder.

## Answers to Certification Questions

Following are the answers to the *Certification Questions: Statewide and Metropolitan Planning Organization - Transportation Planning Process*

### Section 1. Answers pertaining to the metropolitan planning requirements of 23 USC 134, 49 USC 5303:

1. Yes.
2. Yes.
3. Yes. A planning agreement between the MPOs, State, and public transit operators where more than one MPO has been designated is not applicable to this MPO, or the Huntsville urbanized area.
4. Yes. The MPO is currently assessing changes to its Metropolitan Planning Area boundary based on the results of the 2020 Census. The MPO expects to have adjusted boundaries adopted by the FHWA-recommended date of December 29, 2023.
5. The MPO boundary map was approved by the MPO and forwarded to ALDOT. ALDOT provided the approved map to FHWA and to FTA.
6. Yes.
7. Yes. The ten planning factors are incorporated into all planning documents.
8. Yes. The Year 2045 Transportation Plan covers 25 years.
9. *Did the LRTP address the following areas in accordance with 23 USC 134 (i)(2) and 49 USC 5303 (f)?:*
  - Yes.
  - Yes. This topic is addressed in Sections 6 (Multi-Modal Infrastructure) and 8 (Freight)
  - Yes.
  - Yes. A system performance report was added to the LRTP in August 2022 (see Resolution 19-22)
  - Yes. This topic is addressed in Section 4 (Environmental Context and Land Use)
  - Yes. This topic is addressed in Section 9 (Financial Plan)
  - Yes. This topic is addressed in Section 7 (Congestion Management, Safety and Security)
  - Yes.
  - Yes. This topic is addressed in Section 6 (Multi-Modal Infrastructure)

10. *Did the LRTP address the following minimum required areas in accordance with 23 CFR 450.324(f)?:*

- Yes. This topic is addressed in Section 5 (Roadway and Traffic Forecasts)
- Yes.
- Yes.
- Yes. A system performance report was added to the LRTP in August 2022 (see Resolution 19-22)
- Yes. This topic is addressed in Section 7 (Congestion Management, Safety and Security)
- Yes. This topic is addressed in Section 7 (Congestion Management, Safety and Security)
- Yes.
- Yes.
- Yes. This topic is addressed in Section 4 (Environmental Context and Land Use)
- Yes. This topic is addressed in Section 6 (Multi-Modal Infrastructure)
- Yes. This topic is addressed in Section 6 (Multi-Modal Infrastructure)
- Yes. This topic is addressed in Section 9 (Financial Plan)
- This question is not applicable to the Huntsville Area MPO (no non-attainment/maintenance areas)

11. Yes. The 2045 LRTP was adopted in April 2020. The 2050 LRTP is scheduled for final adoption in Spring 2025.

12. Yes.

13. Yes.

14. Yes.

15. Yes.

16. Yes. Project priority is based upon the year the projects are programmed into the TIP, considering the anticipated funding to be received per year.

17. Yes.

18. Yes.

19. Yes.

20. Yes. The list of obligated projects is also available at [www.huntsvillempo.org](http://www.huntsvillempo.org)

21. Yes, as stated in our adopted Public Participation Plan (PPP).



22. Yes.
23. Yes.
24. Yes.
25. Yes. The 3C's process is documented in all plans.
26. Yes. The updated congestion management process is located in the 2045 LRTP, Section 7 (Congestion Management, Safety and Security)
27. Yes. The Public Participation Plan (PPP) was approved and adopted January 2014 and revised April 2018.
28. Yes.
29. Yes.

**Section 2. Answers pertaining to the requirements of Sections 174 and 176 (c) and (d) of the Clean Air Act (for air quality nonattainment and maintenance areas only) Note: The Huntsville-Area MPO does not fall under these regulations, but is answering only as a TMA.**

1. Not applicable.
2. Not applicable at this time. The Huntsville-Area MPO does address air quality planning activities as a placeholder in the UPWP in case the Huntsville region comes under the regulations at a future date.
3. Yes. See Section 7 (Congestion Management, Safety and Security) of the 2045 LRTP. This section of the LRTP requires that travel demand and operational strategies be evaluated first for heavily traveled and congested corridors.
4. Close coordination with jurisdictions contained within the Huntsville-Area MPO is accomplished and project lists are developed and added to the TIP. If the project is not in the approved LRTP, it is added to that plan first.

**Sections 3, 4, 7-10. Answers pertaining to the prohibitions against discrimination on the basis of race, color, creed, national origin, age, gender, or disability as dictated by Title VI of the Civil Rights Act of 1964, as amended; 49 USC 5332; 23 USC 324; The Americans With Disabilities Act; The Older Americans Act; and Section 504 of the Rehabilitation Act of 1973.**

1. According to the legislation, this is a State requirement. The MPO has a signed agreement with the State of Alabama that affirms the MPO's commitment to following all Title VI rules and a commitment to non-discrimination. Additionally, the MPO is incorporated as part of the Alabama Department of Transportation's Title VI Annual Update and Implementation Plan.
2. There have been no deficiencies found. If Title VI deficiencies are found, appropriate corrective actions would be taken within the allocated time.
3. Yes. The MPO staff member assigned to handle Title VI and ADA related issues is Mr. James Moore. Mr. Moore works in close coordination with the Alabama Department of Transportation's Title VI office. Additionally, the MPO has a Memorandum of Understanding with the City of Huntsville's Parking and Public Transit Department for coordination of planning activities and reports under the umbrella of the MPO. As Huntsville Public Transit is a direct FTA recipient, the department submits a triennial Title VI Report directly to FTA. The Huntsville Public Transit employee that coordinates Title VI and ADA related issues is Ms. Quisha Bryant.
4. Yes.
5. Yes.
6. Yes.
7. Yes.
8. Yes. The MPO is incorporated as part of the Alabama Department of Transportation's Title VI Annual Update and Implementation Plan. As such, it has signed Title VI Assurances with the State. Additionally, the MPO has a signed agreement with the State of Alabama that affirms the MPO's commitment to non-discrimination. Huntsville Transit has signed Title VI assurances with FTA.
9. Yes; however, MPO contracts and bids are rare. The MPO does not contract directly for road construction.
10. Yes.
11. Yes.
12. The MPO has not received any complaints regarding ADA non-compliance, but would comply with this regulation.

### 13. ADA Transition Plans for MPO Jurisdictions

The MPO also adopted a draft ADA Transition Plan in September 2021, found here: <http://www.huntsvillempo.org/ada/>

Jurisdiction	ADA Transition Plan	Status of Plan Implementation
City of Huntsville	Yes. Adopted 6/25/1992	The ADA Transition Plan is available in the City of Huntsville Legal Department, with a copy on file at the MPO Staff office, City of Huntsville Planning Department.
Madison County	No (see status)	Madison County has completed an ADA Self-Assessment and has developed a written transition plan. The plan is complete in a draft form and is awaiting consideration by the County Commission.
City of Madison	Yes. Adopted 8/29/2016	Available here: <a href="https://www.madisonal.gov/DocumentCenter/View/9617/ADA-Self-Evaluation-and-Transition-Plan---Final-8-30-16?bidId=">https://www.madisonal.gov/DocumentCenter/View/9617/ADA-Self-Evaluation-and-Transition-Plan---Final-8-30-16?bidId=</a>
Town of Owens Cross Roads	Yes. Adopted 8/16/2016	Plan is on file at the Owens Cross Roads Town Hall, with a copy on file at the MPO Staff office, City of Huntsville Planning Department.
Town of Triana	Yes. Adopted in 1994	

### Section 5. Answers pertaining to Section 11101(e) of the IIJA regarding the involvement of disadvantaged business enterprises in FHWA and FTA planning projects (49 CFR part 26)

1. Yes.
2. Yes.
3. Yes. The MPO reports this information to ALDOT for incorporation in its Title VI Annual Update and Implementation Plan.
4. Yes.

### Section 6. Answers pertaining to 23 CFR part 230 regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.

1. The City of Huntsville, that hosts the MPO functions, has an equal employment opportunity program in place. It is important to note that the MPO does not develop or administer federal and federal-aid construction contracts. This is handled by ALDOT.

## METROPOLITAN TRANSPORTATION PLANNING SELF-CERTIFICATION

The Alabama Department of Transportation and the Huntsville Area Metropolitan Planning Organization for the Huntsville Urbanized Area hereby certify that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including:

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and 23 C.F.R. part 450, subpart C;
- (2) In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 C.F.R. part 93;
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 C.F.R. part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 11011(e) of the Infrastructure Investment and Jobs Act (IIJA) (Pub. L. 117-58) and 49 C.F.R. part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (6) 23 C.F.R. part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 C.F.R. parts 27, 37, and 38;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 C.F.R. part 27 regarding discrimination against individuals with disabilities.

Huntsville Area  
Metropolitan Planning Organization

  
Signature

Marc McCutcheon  
Printed Name

Chairman  
Title

8/16/2023  
Date

Alabama  
State Department of Transportation

\_\_\_\_\_  
Signature

John R. Cooper  
Printed Name

Transportation Director  
Title

\_\_\_\_\_  
Date

# **Appendix H**

## **MPO Memorandum of Understanding STIP/TIP**

## MEMORANDUM OF UNDERSTANDING

Alabama Department of Transportation

Statewide Procedures for FY 2024 - 2027 STIP/TIP

### I. PURPOSE

This Memorandum of Understanding establishes a set of procedures for processing revisions to the Metropolitan Planning Organizations' Transportation Improvement Programs (TIPs) within the State of Alabama and the Alabama Department of Transportation's Statewide Transportation Improvement Program (STIP) for the Fiscal Year 2024 to 2027. This document has been developed in cooperation with the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), and other planning partners.

The STIP is the aggregation of the MPO TIPs and ALDOT's statewide managed programs, including federal-aid transportation programs.

### II. DEFINITIONS<sup>1</sup>

- A. **Administrative Modification<sup>1</sup>** means a minor revision to a long-range statewide or metropolitan transportation plan, Transportation Improvement Program (TIP), or Statewide Transportation Improvement Program (STIP) that includes minor changes to project/project phase costs, minor changes to funding sources of previously included projects, and minor changes to project/project phase initiation dates. An administrative modification is a revision that does not require public review and comment, redemonstration of fiscal constraint, or a conformity determination (in nonattainment and maintenance areas).
- B. **Amendment<sup>1</sup>** means a revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, redemonstration of fiscal constraint, or a conformity determination (for metropolitan transportation plans and TIPs involving "non-exempt" projects in nonattainment and maintenance areas). In the context of a long-range statewide transportation plan, an amendment is a revision approved by the State in accordance with its public involvement process.
- C. **Betterment** consists of surface treatments/corrections to existing roadway [preferably within Alabama Department of Transportation (ALDOT) right-of-way], to maintain and bring the infrastructure to current design standards for that classification of highway. This may involve providing full depth base repair, widening shoulders, increasing lane-widths, correcting super-elevation, as well as providing drainage improvements and guide rail upgrades.

<sup>1</sup>Terms in this document also incorporate any definitions provided in 23 CFR 450.104.

- D. **Change in Scope** is a substantial alteration to the original intent or function of a programmed project (e.g., change project termini or the number of through-traffic lanes).
- E. **Cooperation**<sup>1</sup> means that the parties involved in carrying out the transportation planning and programming processes work together to achieve a common goal or objective. **Cooperating Agencies** include ALDOT, Metropolitan Planning Organizations (MPOs), Rural Planning Organizations (RPOs), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Transit agencies, and any agencies and/or jurisdictions involved in carrying out the transportation planning and programming processes.
- F. **Financially Constrained (Fiscal Constraint)**<sup>1</sup> means that the metropolitan transportation plan, TIP, and STIP include sufficient financial information for demonstrating that projects in the metropolitan transportation plan, TIP, and STIP can be implemented using committed, available, or reasonably available revenue sources, with reasonable assurance that the federally supported transportation system is being adequately operated and maintained. For the TIP and the STIP, financial constraint/fiscal constraint applies to each program year. Additionally, projects in air quality nonattainment and maintenance areas can be included in the first two years of the TIP and STIP only if funds are "available" or "committed."
- G. **Long-Range Transportation Plan**<sup>1</sup> means the official, multimodal, transportation plan covering a period of no less than 20 years developed through the statewide transportation planning process.
- H. **Level of Effort (LVOE)** is the term used to describe certain grouped projects in the TIPs and STIP that are not considered of appropriate scale to be identified individually. Projects may be grouped by function, work type, or geographical area, using the applicable descriptions provided in under 23 CFR 771.117(c) and (d), and/or 40 CFR part 93. In air quality nonattainment and maintenance areas, project descriptions must be consistent with the descriptions of exempt projects, contained in the transportation conformity regulations (40 CFR part 93). These projects are placed in the TIPs and STIP according to selected funding programs, with their anticipated fiscal year apportionments within the plan.
- I. **New Project** is a project that is not programmed in the current TIP/STIP, and does not have previous obligations from a prior TIP/STIP.
- J. **Obligated projects**<sup>1</sup> mean strategies and projects funded under Title 23 U.S.C. and Title 49 U.S.C. Chapter 53 for which the supporting federal funds were authorized and committed by the State or designated recipient in the preceding program year and authorized by the FHWA or awarded as a grant by the FTA.
- K. **Planning Partner** may refer to one of the following: ALDOT, FHWA, MPOs, RPOs, or other federal or state agencies.
- L. **Project Selection** means the procedures followed by MPOs, States, and public transportation operators to advance projects from the first four years of an approved TIP and/or STIP to implementation, in accordance with agreed upon procedures.
- M. **Public Participation Plan (PPP)** is a documented, broad-based public involvement process that describes how the Planning Partner will involve and engage the public, under-served communities, and interested parties in the



transportation planning process, and ensure that the concerns of stakeholders are identified and addressed in the development of transportation plans and programs.

o Note: The Alabama MPO Public Participation Plans may be found on the individual MPO websites.

- N. **Revision**<sup>1</sup> means a change to a long-range statewide or metropolitan transportation plan, TIP, or STIP that occurs between scheduled periodic updates. A major revision is an "amendment" while a minor revision is an "administrative modification.
- O. **Statewide-managed Program (Statewide Program)** includes those transportation improvements or projects that are managed in the STIP, including project selection, at the ALDOT Central Office level, with possible regional Planning Partner solicitation and input. Examples include, but are not limited to, Highway Safety Improvement Program (HSIP) and Transportation Alternative Program (TAP) projects.
- P. **Statewide Transportation Improvement Program (STIP)**<sup>1</sup> means a statewide prioritized listing/program of transportation projects covering a period of four years that is consistent with the long-range statewide transportation plan, metropolitan transportation plans, and TIPs, and required for projects to be eligible for funding under Title 23 U.S.C. and Title 49 U.S.C. Chapter 53.
- Q. **Transportation Improvement Program (TIP)**<sup>1</sup> means a prioritized listing/program of transportation projects covering a period of four years that is developed and formally adopted by an MPO as part of the metropolitan transportation planning process, consistent with the metropolitan transportation plan, and required for projects to be eligible for funding under Title 23 U.S.C. and Title 49 U.S.C.

### III. THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP), THE STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP), AND THE STATE'S FIVE-YEAR PROGRAM

The TIP consists of projects approved by the MPO, local programs and projects developed by the MPO, and statewide programs and projects developed by ALDOT within the urban areas of the MPO.

The STIP is the official transportation improvement program document, mandated by federal statute and recognized by FHWA and FTA. The STIP is a statewide program, or prioritized listing, of transportation projects to be implemented over a four-year period, consistent with MPO Long Range, Regional, or Metropolitan Plans, Statewide Transportation Plans, and MPO Transportation Improvement Programs (TIPs).

The State's Five-Year Program, which incorporates the TIPs and STIP, is required by Alabama state law.

#### IV. TIP/STIP ADMINISTRATION

The Federal Planning Regulations, contained in 23 CFR 450 et al, govern the provisions of the Statewide and Nonmetropolitan Transportation Planning and Programming (subpart B) and Metropolitan Transportation Planning and Programming (subpart C). These CFR sections are the regulations for governing the TIPs and STIP, including revisions and other actions related to the TIPs and STIP. The intent of this federal regulation is to acknowledge the relative significance, importance, and/or complexity, of individual programming actions.

FHWA and FTA will only authorize projects, and approve grants for projects, that are programmed in the currently approved STIP. Highway and road projects will be approved by FHWA, and Transit projects will be approved by FTA.

If a Planning Partner, Transit Agency, or ALDOT, wishes to proceed with a project not programmed in the STIP, a revision must be made to the STIP.

All revisions must maintain year-to-year fiscal constraint [23 CFR 450.328] for each of the four years of the TIPs and STIP. All revisions shall account for year of expenditure (YOE), and maintain the estimated total cost of the project, which may extend beyond the four years of the TIP/STIP. The arbitrary reduction of the overall cost of a project, or project phase(s), shall not be utilized for the advancement of another project.

##### A. TIP support documentation

In addition, TIP revisions must be consistent with the Long-Range Transportation Plan of the individual MPO and must correspond to the adopted provisions of the MPO Public Participation Plans. A reasonable opportunity for public review and comment shall be provided for significant revisions to the TIPs and STIP.

##### B. Air Quality Conformity

If a revision adds a project, deletes a project, or impacts the schedule or scope of work of an air quality significant project in a nonattainment or maintenance area, a new air quality conformity determination will be required, if deemed appropriate by the Interagency Air Quality Consultation Group (IAC). If a new conformity determination is necessary, an amendment to the Long Range or Regional Transportation Plan (project listings only), shall be developed and approved by the MPO. The modified conformity determination would then be based on the amended LRTP conformity analysis, and public involvement procedures, consistent with the existing PPP, would be required.

##### C. Revisions: Amendments and Administrative Modification<sup>2</sup>

An **Amendment** is a major STIP/TIP planned project revision that:

- Affects air quality conformity, regardless of the cost of the project or the funding source.

---

<sup>2</sup> Note: This MOU does NOT change the Codes of Federal Regulations. This MOU clarifies the understanding of the language within those regulations between the agreeing parties. For full application of the CFRs, visit definitions for Amendment, Administrative Modification, and Revision on p. 1. Revisions are not applicable to authorized project scopes.

- Adds a new project, or deletes a project, that utilizes federal funds from a statewide line item, exceeds the thresholds listed below, and excludes those federally-funded statewide program projects.
- Adds a new project phase(s), or increases a current project phase, or deletes a project phase(s), or decreases a current project phase that utilizes federal funds, where the revision exceeds the following thresholds:
  - \$ 5.0 million for ALDOT federally-funded projects and Transportation Management Area (TMA) attributable projects.
  - \$1.0 million for ALDOT federally-funded projects and for non-TMA MPOs attributable Projects.
  - \$ 750,000 for the county highway and bridge program.
- Involves a change in the **Scope of Work** to a project(s) that would:
  - Result in an air quality conformity reevaluation.
  - Result in a revised total project estimate that exceeds the thresholds established between ALDOT and the Planning Partner (not to exceed any federally-funded threshold contained in this MOU).
  - Results in a change in the Scope of Work on any federally-funded project that is significant enough to essentially constitute a New Project.
  - Level of Effort (LVOE) planned budget changes, exceeding 20% of the original budgeted amount.

MPOs use the MPO Portal to initiate projects, make project edits, and other project information. The MPO Portal is managed by Local Transportation Bureau. The system generates email notification to the MPOs, and specific ALDOT Personnel of projects that may need to be added by amendment or administrative modifications. Approval by the MPO (or cooperative effort with an RPO) is required for Amendments.

All items requiring amendments to the STIP should be submitted to the ALDOT's Office Engineer Bureau. ALDOT's Central Office will review, approve, and forward to the appropriate federal agency for review and approval, with copies to other partner federal agencies.

Amendments to the STIP will be conducted on a Bimonthly cycle. Non-routine amendments requested by the State Transportation Director, or the Joint Highway committee can be performed at any time.

An **Administrative Modification** is a minor STIP/TIP revision that:

- Adds or deletes a project from a LVOE category or line item
- Adds or deletes a project utilizing 100 percent State or Non-Federal Funding that has not been designated as a regionally significant project by Local Planning partners or an MPO TIP placement of the federally-funded Statewide Program, or federal funds from a statewide line item that do not exceed the thresholds established by the Planning Partner
- Draw downs or return funding from an existing STIP/TIP Reserve Line Item and does not exceed the amendment cost thresholds established between ALDOT and the Planning Partners.
- Adds federal or state capital funds from low-bid savings, de-obligations, release of encumbrances, from savings on programmed phases, and any other project-cost

modification sent to and approved by FHWA or FTA, to another programmed project phase or line item.

The initial submission and approval process of the STIP will establish federal funding for LVOE project groups. Subsequent placement of individual projects in the STIP that are referred to as LVOE projects will be considered Administrative Modifications.

Administrative Modifications (1) do not affect air quality conformity or involve a significant change in a project scope of work that would trigger an air quality conformity reevaluation; (2) do not exceed the threshold (a) established in the MOU between ALDOT and the Planning Partners or (b) established by this MOU (as detailed in the Revisions: Amendments and Administrative Modifications section); and (3) do not result in a change in scope on any federally-funded project that is significant enough to essentially constitute a new project.

Administrative Modifications do not require federal approval. ALDOT and the Planning Partner will work cooperatively to address and respond to any FHWA or FTA comments. FHWA and FTA reserve the right to question any administrative action that is not consistent with federal regulations or with this MOU where federal funds are being utilized.

#### V. LEVEL OF EFFORT FUNDING CATEGORIES

Projects in the STIP/TIP, referred to as Level of Effort (LVOE) projects, represent grouped projects not considered of appropriate scale to be identified individually. Projects may be grouped by function, work type, and/or geographical area, using the applicable descriptions under 23 CFR 771.117 (c) and (d), and/or 40 CFR part 93 (Environmental Categorical Exclusions). In nonattainment and maintenance areas, project descriptions must be consistent with the exempt project descriptions contained in the EPA transportation conformity regulations (40 CFR part 93).

LVOE projects are placed in the STIP/TIP according to selected funding programs, along with the planned funding amounts for each year.

ALDOT, and the affected MPOs, will be required to make a formal amendment to the STIP/TIPs for any adjustment of funding to any **LVOE group** that exceeds 20% of its originally-planned funding. The selected statewide funding programs include:

- Interstate Resurfacing Program (IM) (includes lighting, sign and pavement rehabilitation)
- Non-Interstate Resurfacing Program (FM)
- Transportation Alternative Program (TAP)
- Safety Projects (Highway Safety Improvement Program (HSIP), roadway, signal and rail-crossing, etc.)
- Recreational Trails (Funds are transferred to Alabama Department of Economic and Community Affairs (ADECA))
- Electric Vehicles (Funds are transferred to ADECA)
- County Allocation Funds (Off-system bridges and STP non-urban) (Only until prior year carryover is fully obligated)
- Federal Transit Programs: 5311 (Non-Urban), 5310 (Elderly and Disabilities), and 5339 (Buses and Bus Facilities)

Addition or deletion of individual LVOE projects are considered an administrative modification, and do not require any further MPO action prior to authorization, subject to the dollar thresholds established in the sections above. ALDOT will include all individual LVOE projects on the STIP project detail listing and will also maintain a matrix listing, on the STIP website, of LVOE projects. The MPOs will be notified as soon as any specific projects within their urban areas, are identified and selected, and will have ten (10) days to decline the project. Additionally, the MPOs will be notified as soon as any specific projects are modified or deleted within their urban areas and will have ten (10) days to decline the project deletion or change.

LVOE group may hold funds that are not dedicated to specific projects, and the funds may be used to cover cost increases or add new projects or project phases. LVOE shall not exceed the thresholds or the requirements of any other items that require an amendment.

LVOE resurfacing group shall be programmed annually. Projects or project lists will be added as soon as available, and MPOs will be notified of all changes that occur in the list.

## VI. FINANCIAL CONSTRAINTS<sup>3</sup>

Demonstration of STIP/TIP financial constraint to FHWA and FTA, takes place through a summary of recent Administrative Modifications and proposed Amendments. Real-time versions of the STIP/TIP are available to FHWA and FTA through ALDOT's Comprehensive Project Management System (CPMS/MPO Portal).<sup>4</sup>

## VII. FINANCIAL REPORTING

### A. STIP Reporting

STIP is available online and electronic submittals to FHWA for amendments and administrative modifications. End of the Fiscal Year financial summaries are sent with the first amendment for the new fiscal year.

### B. MPO TIP REPORTING

As each MPO TIP is adopted, this MOU will be included with the TIP documentation. The MPO or Planning Partner may choose to adopt an MOU that will clarify how the MPO or Planning Partner will address TIP revisions. In all cases, individual MPO revision procedures will be developed under the guidance umbrella of this document. If an MPO elects to set more stringent procedures, then ALDOT, FHWA, and/or FTA, as applicable, will adhere to the more restrictive procedures.

---

<sup>3</sup> Note: While there is no stipulated timeframe established in this MOU for securing federal approval for formal Amendments or Administrative Modification, the agencies are expected to act responsibly and with all due diligence in order to complete these processes in a timely manner.

<sup>4</sup> Refer to ALDOT's Local Transportation Bureau's Memo #2022-15 (November 22, 2022) for details of the MPOs' Transportation Improvement Programs (TIPs).

## VIII. PERFORMANCE MEASURES SECTION

To comply with performance-based planning requirements, a description of how the selected projects will help to accomplish its performance targets/goals will be included. This SITP Performance Measure section will be included at the time of adoption of the new STIP/TIPs but it may be updated at any time.

In general, STIP Performance Measure Section should include (1) the applicable transportation measure, (2) a brief discussion of anticipated effect of how projects selected will help ALDOT accomplish the goals, and (3) a summary of the amount of federal funding programmed to support the applicable target will be included in the STIP.

The procedures set forth in this document will serve as the basis for which ALDOT addresses federally funded Statewide Transportation Improvement Program (STIP) revisions. This Memorandum of Understanding (MOU) will begin October 1, 2023, and remain in effect until September 30, 2027, unless revised or terminated.

We, the undersigned, hereby agree to the above procedures and principles.

Mark D. Baillitt

Division Administrator  
Federal Highway Administration

02-13-2023

Date

Yvette H. Taylor

Regional Administrator  
Federal Transit Administration

03-15-2023

Date

Jalen R. Cooper

Transportation Director  
Alabama Department of Transportation

02-02-2023

Date

# **Appendix I**

## **Performance Measures, PM Targets and PM Agreements**



## Huntsville Area MPO Supports ALDOT’s Performance Measures

### Background

In compliance with the Joint Planning Rule from FWHA (23 CFR 450 and 771) and FTA (49 CFR 613), under the IIJA, State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) are to implement a performance-based approach to planning and programming activities. This includes setting data-driven performance targets for transportation performance measures. This approach supports the seven national goals for the federal-aid highway and public transportation programs listed in [23 USC 150(B)].

Under the 23 CFR 490, the DOTs and MPOs are required to establish targets for applicable national performance measures. The Safety Performance Measures (PM1), Bridge/Pavement Measures (PM2), the System Performance Measures (PM3), and the FTA’s Transit Asset Management (TAM) Targets have been adopted by ALDOT and the MPOs.

Safety Performance Measures- PM1	Bridge/Pavement Performance Measures- PM2
1. No. of Fatalities	1. % of Interstate System Pavement in Good Condition
2. Fatality Rate per 100 million VMT	2. % of Interstate System Pavement in Poor Condition
3. No. of Serious Injuries	3. % of Non-Interstate NHS Pavement in Good Condition
4. Serious Injury Rate per 100 million VMT	4. % of Non-Interstate NHS Pavement in Poor Condition
5. No. of Combined Non-Motorized Fatalities and Serious Injuries	5. % of NHS Bridge Deck Area in Good Condition
6. No. of Fatalities	6. % of NHS Bridge Deck Area in Poor Condition

Source: 23 CFR §924, 23 CFR § 490

Source: 23 CFR § 490

System Performance Measures- PM3
1. % Person-Miles Traveled on the Interstate that are Reliable
2. % Person-Miles Traveled on the Non-Interstate NHS that are Reliable
3. % Change in Tailpipe CO <sub>2</sub> (greenhouse gas) Emissions on the NHS Compared to the Calendar Year 2017 Level
4. Truck Travel Time Reliability (TTTR) Index
5. Annual Hours of Peak Hour Excessive Delay Per Capita
6. % Non-SOV Travel
7. Total Emissions Reduction

Source: 23 CFR § 490

## **Huntsville-Area MPO 2020-2023 TIP Linkage to Performance-Based Planning Documents and Targets:**

Each project listed in this TIP has a PM target listed on the project page delineating which Performance Measure Target each project supports. This TIP contains both Highway and Transit Projects. Typical highway projects, such as highway capacity, system preservation, bridge, and safety projects, support the established targets. The same is true for the transit projects that are capital purchases. The MPO will continue to coordinate with ALDOT on updates and/or amendments to the STIP/TIPs and support the selected performance targets (*to the maximum extent practicable*).

### **Performance-Based Plans Descriptions:**

Listed below are brief descriptions of ALDOT's plans which align with their respective performance measures and targets and are supported by the highway and transit projects listed in this TIP.

#### **Strategic Highway Safety Plan (SHSP) and Highway Safety Improvement Program (HSIP) Report (HSIP) (PM1)**

The SHSP provides a comprehensive framework for reducing fatalities and serious injuries on all public roads, with the ultimate vision of eradicating the State's roadway deaths. The Alabama SHSP 3<sup>rd</sup> Edition was completed in July 2017 and the current focus of Alabama's SHSP is the National Goal of "Toward Zero Deaths" initiative which is to reduce fatalities by 50% by 2035.

The HSIP is an annual report required by states that documents the statewide performance measures toward the zero deaths vision. It identifies and reviews traffic safety issues around the state to identify locations with potential for improvement.

#### **Transportation Asset Management Plan (TAMP) (PM2)**

The TAMP is a focal point for information about the bridge and pavement assets, their management strategies, long-term expenditure forecasts, and business management processes. The TAMP is consistent with ALDOT's desire to make data-driven spending decisions related to its assets.

#### **Alabama Long-Range Plan and Statewide Freight Plan (PM3)**

The Alabama Statewide Long-Range Plan provides a high-level description of existing and projected travel and maintenance conditions of Alabama's infrastructure. This Plan places emphasis on the roadway system because it is the primary mode of transportation for the movement of people and goods. The targets support system reliability along Alabama's infrastructure system.

The Alabama Statewide Freight Plan (FP) provides an overview of existing and projected commodity flow by mode (truck, rail, waterway, air and pipeline) along existing and projected network characteristics through data analysis. In general, the FP provides an overall profile of Alabama's multimodal freight network, existing and projected freight flows by truck, and congested areas of concern throughout the state. The targets support the movement of freight which affects economic vitality.

### Transit Asset Management (TAM)

Transit Asset Management (TAM) is a business model that uses the condition of assets to guide the optimal prioritization of funding at transit properties to keep transit networks in a State of Good Repair (SGR). The benefits of the plan are: improved transparency and accountability, optimal capital investment and maintenance decisions, more data-driven decisions, and has potential safety benefits. This plan aligns with the transit targets under Transit Asset Management.

### **MPO and ALDOT Performance Measure (PM) Targets and Agreement**

Some targets are required to be set on an annual basis while others are set on two (2)-year and four (4)-year cycles. ALDOT and the MPOs, along with the Transit Providers, have a cooperative agreement in place to coordinate the development of the targets, the sharing of information related to the transportation performance measures, selection of targets, and reporting requirements.

The following pages contain the ALDOT PM Targets supported by the MPO, as well as the statewide PM agreement.

## ALDOT Performance Measures & Targets

<b>FHWA - Safety Performance Measures (PM1)- (Annual Targets)</b>	<b>Calendar Year 2023 Targets</b>	
Number of Fatalities	1,000	
Rate of Fatalities (per 100 million Vehicle Miles Traveled)	1.440	
Number of Serious Injuries	6,500	
Rate of Serious Injuries (per 100 million Vehicle Miles Traveled)	9.82	
Number of Non-motorized fatalities and serious injuries	400	
<b>FHWA - Bridge/Pavement Performance Measures (PM2)</b>	<b>2-Year</b>	<b>4-Year</b>
% of Pavements of the Interstate System in Good Condition	>50%	>50%
% of Pavements of the Interstate System in Poor Condition	<5%	<5%
% of Pavements of the Non-Interstate NHS in Good Condition	>25%	>25%
% of Pavements of the Non-Interstate NHS in Poor Condition	<5%	<5%
% of NHS bridges in Good condition by deck area	>25%	>25%
% of NHS bridges in Poor condition by deck area	<3%	<3%
<b>FHWA - System Performance Measures (PM3)</b>	<b>2-Year</b>	<b>4-Year</b>
% of Person-Miles Traveled on the Interstate that are Reliable	92.0%	92.0%
% of Person-Miles Traveled on the Non-Interstate NHS that are Reliable	90.0%	90.0%
Truck Travel Time Reliability (TTTR) Index on the Interstate	1.30	1.30
<b>Congestion Mitigation and Air Quality (CMAQ)*</b> <b>On-Road Mobile Source Emissions- NOT</b> <b>APPLICABLE TO HUNTSVILLE MPO</b>		

**Huntsville Transit Performance Measures & Targets 2023**

Paratransit Fleet	30% of Vehicle Fleet not to exceed 200,000 miles
Fixed Route Bus Fleet	30% of Vehicle Fleet not to exceed useful life in years
Facility Condition	Not greater than 20% of facilities fall below 3.0 condition rating

<b>Transit Safety Performance Measures</b>	<b>Fatalities</b>	<b>Rate of Fatalities</b>	<b>Injuries</b>	<b>Rate of Injuries</b>	<b>Safety Events</b>	<b>Rate of Safety Events</b>	<b>Mean Distance between Major Mechanical Failures</b>
Fixed Route Bus	0	0	4	0.00000506	26	0.000033	6,700
Demand Response	0	0	8	0.00001705	21	0.000045	15,140

JOINT AGREEMENT

BETWEEN

THE HUNTSVILLE AREA MPO,

THE HUNTSVILLE PUBLIC TRANSIT,

AND THE

STATE OF ALABAMA

RELATIVE TO

ALABAMA PERFORMANCE MANAGEMENT

23 CFR 450.314(h)

FOR

TRANSPORTATION PERFORMANCE DATA SHARING AND  
COORDINATION

## ALABAMA PERFORMANCE MANAGEMENT AGREEMENT 23 CFR 450.314(h)

THIS AGREEMENT is made and entered into by and between the State of Alabama, acting by and through the Alabama Department of Transportation, hereinafter referred to as STATE; and the HUNTSVILLE AREA MPO, hereinafter referred to as MPO, and the HUNTSVILLE PUBLIC TRANSIT, hereinafter referred to as TRANSIT AGENCY;

**WHEREAS**, the United States Department of Transportation promulgated transportation planning regulations in 23 CFR 450.314, and

**WHEREAS**, the MPO, the STATE, and the TRANSIT AGENCY are required by 23 CFR 450.314 to cooperatively determine their mutual responsibilities in carrying out the performance-based planning and programming requirements established by federal law, and

**WHEREAS**, 23 CFR 450.314(h) requires that MPO, the STATE, and the TRANSIT AGENCY shall jointly agree upon and develop specific written procedures for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO, and the collection of data for the State asset management plan for the National Highway System (NHS).

**NOW, THEREFORE, BE IT RESOLVED**, that the parties do hereby agree to adhere to the following coordination mechanisms to meet performance-based planning and programming requirements for highways in accordance with 23 CFR 450.314(h) and established federal guidance.

1. Development of transportation performance data:
  - a. The STATE will collect data used in developing statewide targets to meet the federal performance management requirements for highways<sup>1</sup> to include the following:
    - i. Targets for assessing the **Highway Safety Improvement Program (PM1)** for the following measures<sup>2</sup>:
      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
      5. Number of combined non-motorized fatalities and non-motorized serious injuries
    - ii. Targets for assessing **Pavement and Bridge Condition for the National Highway Performance Program (PM2)** for the following measures:
      1. Percentage of pavements on the Interstate System in Good condition
      2. Percentage of pavements on the Interstate System in Poor condition
      3. Percentage of pavements on the NHS (excluding the Interstate System) in Good condition
      4. Percentage of pavements on the NHS (excluding the Interstate System) in Poor condition
      5. Percentage of NHS bridge deck area classified in Good condition
      6. Percentage of NHS bridge deck area classified in Poor condition

<sup>1</sup> 23 CFR Part 490, National Performance Management Measures

<sup>2</sup> PM1/Safety performance measures and targets are applicable to all public roads regardless of ownership or functional classification; 23 CFR Part 924

- iii. Targets for assessing performance of the **National Highway System, Freight Movement on the Interstate System and Congestion Mitigation and Air Quality Improvement Program (PM3)** for the following performance measures:
  - 1. Percent of Person-Miles traveled on the Interstate System that are Reliable
  - 2. Percent of Person-Miles traveled in the Non-Interstate System that are Reliable
  - 3. Percentage of the Interstate System Mileage providing Reliable Truck Travel Times
  - 4. Annual hours of Peak-Hour Excessive Delay Per Capita
  - 5. Percent of Non-Single-Occupant-Vehicle (SOV) Travel
  - 6. Total Emissions Reduction
  
- iv. Targets for assessing performance of the **Transit Asset Management (TAM) Plan** for the following performance measures<sup>3</sup>:
  - 1. Asset Category: Rolling Stock (All revenue vehicles)
    - a. Age- % of revenue vehicles within an asset class that have met or exceed their Useful Life Benchmark
  - 2. Asset Category: Equipment (Non-revenue vehicles)
    - a. Age- % of revenue vehicles within an asset class that have met or exceed their Useful Life Benchmark
  - 3. Asset Category: Facilities (the STATE will only rate FTA funded facilities)
    - a. Condition- % of facilities with a condition rating below 3.0 on a FTA Transit Economic Requirement Modal (TERM) Scale
  - 4. The TAM final rule requires that all TRANSIT AGENCIES that are recipients and sub recipients of 49 USC Charter 53 funds to develop a TAM Plan.
  - 5. TRANSIT AGENCIES that are a part of the Group (Statewide) TAM Plan will provide transit data by asset class (both revenue and non-revenue) and facilities conditions on an annual basis to the STATE.
  - 6. TRANSIT AGENCIES and MPOs developing their own TAM plan will provide their targets and the final report to the STATE.
  - 7. The STATE and the MPO are required to integrate the TRANSIT AGENCY performance targets into the planning documents including Statewide Transportation Improvement Plan (STIP) and Transportation Improvement Plan (TIP), respectively, and the Statewide Long Range Plan (LRP) and Metropolitan Transportation Plan (MTP).
  
- v. Targets for assessing performance of the **Public Transportation Agency Safety Plan (PTASP)** for the following performance measures (applicable to demand response/fixed route services)<sup>4</sup>:
  - 1. Fatality by Mode
    - a. Fatality Total
    - b. Rate of Fatalities (per vehicle revenue mile)
  - 2. Injuries by Mode
    - a. Injuries Total
    - b. Rate of Injuries (per vehicle revenue mile)
  - 3. Safety Events by Mode
    - a. Safety Event Total
    - b. Rate of Safety Events (per vehicle revenue mile)
  - 4. System Reliability by Mode
    - a. Miles between major mechanical failures
  - 5. The PTASP final rule requires that TRANSIT AGENCIES that are recipients and sub recipients of Urbanized Area Formula Grant Program under 49 USC 5307 develop safety performance targets within their Agency Safety Plan (ASP). Each TRANSIT AGENCY must provide the STATE and its respective MPOs its safety performance targets to assist the STATE and MPOs with capital program planning process.

<sup>3</sup> 49 CFR 625 and 630

<sup>4</sup> 49 CFR Part 673



6. STATE and MPOs are required to integrate the TRANSIT AGENCY performance targets into the planning documents including Statewide Transportation Improvement Plan (STIP) and Transportation Improvement Plan (TIP), respectively, and the Statewide Long Range Plan (LRP) and Metropolitan Transportation Plan (MTP).
  - b. Those MPOs that are currently designated as being in non-attainment or maintenance for air quality<sup>5</sup> will coordinate with the STATE on the collection and provision of data used in developing targets for the Congestion Mitigation and Air Quality (CMAQ) traffic congestion measures (Annual Hours of Peak-Hour Excessive Delay per capita and Percent Non-SOV Travel) and the Total Emission Reduction Measures.
  - c. The STATE will make available, by request, the transportation performance data used in developing statewide highway and transit targets to the MPO and the TRANSIT AGENCY.
    - i. The STATE will make available the transportation performance data to the MPO and the TRANSIT AGENCY, by request only, when a statewide target is established or revised, per Section 2 of this agreement.
    - ii. Where possible and practicable, the STATE will make available performance data for each MPO planning area for purposes of tracking progress towards attainment of performance outcomes for each MPO Region's required System Performance Reports, per Section 4 of this agreement.
    - iii. Notwithstanding any provision of this Agreement to the contrary, the parties agree that any safety data or information protected by 23 U.S.C. §§ 148 (h)(4) and 409 and State law shall be confidential. The parties agree that all crash and traffic data used by the parties for or in transportation improvement plans, highway safety improvement programs and strategic highway safety plans will not be disclosed to third parties without the express written permission of the STATE. The parties agree that the data shall not be referenced, disclosed, discussed or otherwise made public. The provision of the above data by the STATE shall not be considered a waiver of 23 U.S.C. §§ 148 (h)(4) and 409 or State precedent. Upon execution of this Agreement, the parties and their agents, servants, officers, officials and employees in both their official and individual capacities, agree that the data provided pursuant to the above referenced request shall not be discussed, disclosed, used, published or released without prior written consent of the STATE. If the data in any form should be disclosed, released or published in any manner without the consent of the STATE or should an attempt be made to use the data in an action for damages against the parties, their officials or employees, then access to the data shall terminate immediately. The STATE expressly reserves its right under 23 U.S.C. §§ 148 (h)(4) and 409 and State precedent to object to the use of the data and any opinions drawn from the data and to recover damages caused by the improper and unauthorized release of the data.
    - iv. The MPO and the TRANSIT AGENCY shall defend, indemnify and hold harmless the STATE of Alabama, the Alabama Department of Transportation, its officials and employees, both in their official and individual capacities, and their agents and servants from and against all claims, damages, losses or expenses thereof, including but not limited to reasonable attorneys' fees, arising out of or resulting from faults, errors, mistakes, omissions, misconduct or negligent acts or omissions of the MPO or the TRANSIT AGENCY, its subconsultants, agents, or employees caused as a result of or related to the service or work provided under this AGREEMENT. The MPO and the TRANSIT AGENCY shall ensure that its subconsultants, agents, or employees possess the experience, knowledge and character necessary to qualify them to perform the particular duties assigned by The MPO and the TRANSIT AGENCY. This indemnity is not limited by any insurance coverage required by this AGREEMENT.

<sup>5</sup> As determined through annual Applicability Determination: CMAQ Traffic Congestion and CMAP On-Road Mobile Source Emissions Measures, 23 CFR Part 490

- v. By entering into this agreement, the MPO and the TRANSIT AGENCY are not an agent of the STATE, its officers, employees, agents or assigns. The MPO and TRANSIT AGENCY are independent entities from the STATE and nothing in this agreement creates an agency relationship between the parties.
  - d. If the MPO and/or the TRANSIT AGENCY chooses to develop its own target for any highway and/or transit measure, it will collect and provide the STATE with the performance target(s) and any supplemental data used in association with the MPO or TRANSIT AGENCY target setting process.
2. Selection of transportation performance targets
- a. The STATE, the MPO and the TRANSIT AGENCY will establish or revise performance targets in coordination with each other.
    - i. Coordination may include the following opportunities, as deemed appropriate, for each performance measure and target: in-person, meeting, webinars, conference calls, and email/written communication. All parties agree that email communications shall be considered written notice for all portions of this agreement.
    - ii. The MPO and the TRANSIT AGENCY will be given an opportunity to provide comment on the STATE targets no less than 30-days prior to the STATE's establishment or revision of highway and/or transit targets.
    - iii. If an MPO and/or the TRANSIT AGENCY chooses to set its own target, the MPO and/or the TRANSIT AGENCY will develop the target(s) in coordination with the STATE. The MPO and/or the TRANSIT AGENCY will provide the STATE with the opportunity to comment on performance targets no less than 30-days prior to adoption of targets.
  - b. The STATE will select statewide performance targets to meet the federal performance management requirements for highways and transit.
    - i. The STATE will provide written notice to the MPO and TRANSIT AGENCY when the STATE selects a target. This notice will provide the target and the date the STATE set the target, which will begin the 180-day time-period in which the MPO and /or the TRANSIT AGENCY (as applicable) must set a corresponding performance target.
    - ii. If the MPO and/or the TRANSIT AGENCY (as applicable) chooses to support the statewide target, the MPO and the TRANSIT AGENCY will provide written documentation to STATE that the MPO and the TRANSIT AGENCY agrees to plan and program projects that will contribute toward the achievement of the statewide highway performance target.
    - iii. If the MPO or the TRANSIT AGENCY chooses to set its own target, the MPO or TRANSIT AGENCY will provide the STATE written documentation that includes the target and the date the MPO or the TRANSIT AGENCY plans to adopt. Documentation will be provided no less than 30-days prior to the MPO or the TRANSIT AGENCY adoption of target (consistent with Section 2a).
  - c. Those MPOs currently in non-attainment or maintenance for air quality<sup>4</sup> and the STATE will coordinate to select single, unified targets for the CMAQ traffic congestion measures (Annual Hours of Peak-Hour Excessive Delay Per Capita and Percent of Non-SOV Travel) and to select mobile source emission reduction targets for their respective non- attainment areas of ozone.
3. Reporting of performance targets
- a. The STATE will report all performance targets to the Federal Highway Administration (FHWA) as applicable and in accordance with 23 CFR Part 490 and Federal Transit Administration

(FTA) as applicable and in accordance with 49 CFR Part 625. Where possible and practicable, the STATE will provide information to the MPOs and TRANSIT AGENCY on the performance of targets.

- i. Through the Highway Safety Improvement Program Annual Report for PM1 measures.
    - ii. Through the required Baseline, Mid and Full Performance Reports and the Transportation Asset Management Plan (TAMP) for PM2 measures.
    - iii. Through the required Baseline, Mid and Full Performance Period Reports for PM3 measures, to include CMAQ Performance Plans where applicable.
    - iv. Through TRANSIT AGENCY's self-certification process, National Transit Database (NTD) annual submissions, and FTA's Review Process for the TAM and PTASP.
  - b. The STATE will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.216(f) in any statewide transportation plan amended or adopted after May 27, 2018, and in accordance with 23 CFR 450.218(q) in any State Transportation Improvement Program adopted or amended after May 27, 2018.
4. Reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO.
  - a. The MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f) (3-4) in any Metropolitan Transportation Plan amended or adopted after May 27, 2018, and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after May 27, 2018, for PM1 measures.
  - b. The MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after May 20, 2019, and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after May 20, 2019, for PM2 and PM3 measures.
  - c. The MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after , and in accordance with 23 CFR 450.326(d) in any Transportation Improvement Program amended or adopted after October 1, 2018, for TAM.
  - d. The MPO will include a description of performance measures and performance targets, along with a System Performance Report, in accordance with 23 CFR 450.324(f)(3-4) in any Metropolitan Transportation Plan amended or adopted after July 20, 2021, for PTASP.
5. A collection of data for the State Asset Management plans for the NHS:
  - a. The STATE will be responsible for collecting pavement condition data for the NHS. This includes NHS roads that are not on the State Highway System, but instead are under the ownership of local jurisdictions, if such roads exist.
6. This agreement will be periodically review and will be updated and/or terminate as to the applicable federal law.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement by those officers and officials duly authorized to execute same, and to be effective on the date hereinafter stated as the date of its approval by the Governor of Alabama.

ATTEST:

By: Shontell M Lowe

Title: Shontell M Lowe Trans Planner III

HUNTSVILLE AREA MPO:

BY: DACEW STRONG

Title: Chairman

ATTEST:

By: Shontell M Lowe

Title: Shontell M Lowe Trans Planner III

HUNTSVILLE PUBLIC TRANSIT:

BY: Quisha Bryant

Title: Dir of Public Transit

This agreement has been legally reviewed and approved as to form and content.

By: William F. Patty (RP)  
William F. Patty  
Chief Counsel, Legal Bureau

RECOMMENDED FOR APPROVAL:

Bradley B. Lindsey  
Bradley B. Lindsey, P.E.  
State Local Transportation Engineer

Edward N. Austin  
Edward N. Austin, P.E.  
Chief Engineer

STATE OF ALABAMA, ACTING BY  
AND THROUGH THE ALABAMA  
DEPARTMENT OF TRANSPORTATION

John R. Cooper  
John R. Cooper  
Transportation Director

The foregoing Agreement is hereby  
executed in the name of the  
State of Alabama and signed  
By the Governor on the 7<sup>th</sup> day of  
April, 2022.

Kay Ivey  
Kay Ivey  
Governor, State of Alabama

# **Appendix J**

## **System Performance Report**

# Huntsville Area MPO System Performance Report

## Background

On May 27, 2016, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) issued the Statewide and Nonmetropolitan Transportation Planning; Metropolitan Transportation Planning Final Rule 23 CFR 450.314. This regulation implements the transportation planning and transportation performance management provisions of IIJA.

In accordance with 23 CFR 450.314, the System Performance Report presents the condition and performance of the transportation system with respect to required performance measures, documents performance targets and progress achieved in meeting the targets, and covers the required Safety Performance Measures (PM1), Bridge/Pavement Performance Measures (PM2), and System Performance Measures (PM3).

The Huntsville Area MPO recognizes the importance of linking goals, objectives, and investment priorities to stated performance objectives, and that establishing this link is critical to the achievement of local transportation goals and statewide and regional performance targets. As such, the FY 2024-2027 planning process directly reflects ALDOT's goals, objectives, performance measures, and targets. Each project in the 2024-2027 TIP lists the performance measure(s) supported by the project on its project page.

## Safety Performance Measures (PM1)

Performance Measures	Alabama Baseline (Five-Year Rolling Average 2014-2018)	2023 Alabama Performance Target (Five-Year Rolling Average 2018-2022)	2016-2020 Alabama Actual Statewide
Number of Fatalities	930.8	1000	969.6
Rate of Fatalities per 100 Million Vehicle Miles Traveled	1.350	1.440	1.384
Number of Serious Injuries	7,824.4	6,500	6,817.2
Rate of Serious Injuries per 100 Million Vehicle Miles Traveled	11.400	9.82	9.706
Number of Combined Non- Motorized Fatalities and Non- Motorized Serious Injuries	371.8	400	367.0

**A total of \$313,194,486 is programmed in this TIP to improve highway safety; averaging approximately \$78,298,622 per year.**

## Bridge/Pavement Performance Measures (PM2)

Performance Measures	Alabama Baseline (2018)	Alabama 2- year Target (2024)	Alabama 4- year Target (2026)
Percent of Interstate pavements in good condition	-	>50%	>50%
Percent of Interstate pavements in poor condition	-	<5%	<5%
Percent of non-Interstate NHS pavements in good condition	79.9%	>25%	>25%
Percent of non-Interstate NHS pavements in poor condition	4.1%	<5%	<5%
Percent of NHS bridges (by deck area) in good condition	27.2%	>25%	>25%
Percent of NHS bridges (by deck area) in poor condition	2%	<3%	<3%

To support progress towards ALDOT’s statewide PM2 targets, the FY 2024-2027 TIP includes investments that will maintain pavement and bridge condition performance. Investments in pavement and bridge condition include pavement replacement and reconstruction, bridge replacement and reconstruction, new bridge and pavement capacity, and system resiliency projects that improve NHS bridge components (e.g., upgrading culverts).

**A total of \$196,933,335 for bridges and NHS maintenance for pavement is programmed in this TIP to improve pavement and bridge conditions; averaging approximately \$49,233,334 per year.**

## System Performance Measures (PM3)

Performance Measures	Alabama Baseline (2022)	Alabama 2- year Target (2024)	Alabama 4- year Target (2026)
Percent of person-miles on the Interstate system that are reliable	98.8%	92.0%	92.0%
Percent of person-miles on the non-Interstate system that are reliable	95.3%	90.0%	90.0%
Truck Travel Time Reliability Index	1.22	1.30	1.30

The FY 2024-2027 TIP planning process directly reflects the Alabama Statewide Freight Plan, the current 2045 Alabama Statewide Transportation Plan (SWTP), and the Huntsville-Area MPO 2045 Long Range Transportation Plan (LRTP).

- ALDOT’s Statewide Freight Plan defines the conditions and performance of the state freight system and identifies the policies and investments that will enhance Alabama’s highway freight mobility well into the future. The Plan identifies freight needs and the criteria Alabama will use to determine investments in freight, and prioritizes freight investments across modes.
- The ALDOT SWTP summarizes transportation deficiencies across the state and defines an investment portfolio across highway and transit capacity, highway preservation, highway safety, and highway operations over the 25-year plan horizon. Investment priorities reflect this.

**A total of \$242,975,229 is programmed in this TIP to improve system performance outcomes; averaging approximately \$60,743,807 per year.**



# **Appendix K**

## **TIP Amendments**