



U.S. Department
of Transportation
**Federal Highway
Administration**

Alabama Division

August 31, 2022

9500 Wynlakes Place
Montgomery, AL 36117
334-274-6350
334-274-6352
Alabama.FHWA@dot.gov

In Reply Refer To:
HDA-AL

Mr. Joe H. Lister, Jr., P.E.
State Office Engineer
Alabama Department of Transportation
1409 Coliseum Blvd.
Montgomery, AL 36110

Dear Mr. Lister:

We have reviewed ALDOT's State Planning and Research Annual Work Program Part I for fiscal year 2023 and determined Part I satisfies the requirements of 23 U.S.C., 23 CFR and other pertinent legislation, regulations, and policies. The Work Program Part I is approved, effective October 1, 2022, subject to availability of funds.

In addition, we look forward to reviewing the year end account of the Work Programs' performance and expenditures in the final report. Please provide the final report to our office no later than ninety (90) days after the end of the fiscal year.

If you have any questions, please contact Mr. Aaron Dawson of this office at (334)274-6341 or by email at aaron.dawson@dot.gov.

Sincerely,

for: Mark D. Bartlett, P.E.
Division Administrator

ecc:

Courtney Roberts, FTA Region IV
Hollenquest, Kadian, FHWA
Sonya Baker, ALDOT
Sundae Ragland, ALDOT
Jimmy Carroll, ALDOT
Brad Lindsey, ALDOT
Bryan Fair, ALDOT
Robert Dees, ALDOT



ALABAMA DEPARTMENT OF TRANSPORTATION

Bureau of Office Engineer
1409 Coliseum Boulevard, Montgomery, Alabama 36110



Kay Ivey
Governor

John R. Cooper
Transportation Director

August 22, 2022

Mr. Mark Bartlett
Division Administrator
Federal Highway Administration
9500 Wynlakes Place
Montgomery, Alabama 36117-8515

ATTENTION: Mr. Aaron Dawson

SUBJECT: SPR Annual Work Program, Part I
Fiscal Year 2023
SPR-0001 (066)

Dear Mr. Bartlett:

Enclosed is a final copy of the Alabama Department of Transportation's State Planning and Research (SPR) Annual Work Program for Statewide Planning, Part I, of the Fiscal Year 2023. Research and Development Bureau has submitted Part II, of the Fiscal Year 2023 Work Program on August 8, 2022. Local Transportation Bureau has submitted Part III, of the Fiscal Year 2023 Work Program on August 2, 2022.

Your prompt review and approval will be greatly appreciated. Please contact Ms. Sonya Baker at (334) 242-6061 or Ms. Sundae Ragland at (334) 242-6086 if you need any additional information.

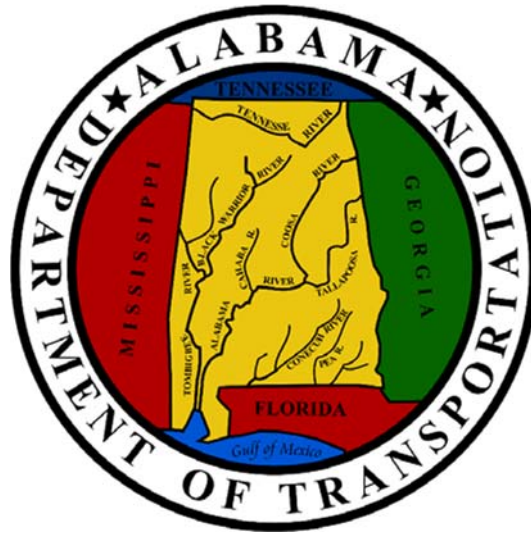
Sincerely,


Joe H. Lister, Jr., P.E.
State Office Engineer

JHL/MH/SB/sb
Attachment

c: Michael Hora, P.E., Deputy State Office Engineer
Jimmy Carroll, Assistant Bureau Chief, Project Management
Bradley B. Lindsey, P.E., State Local Transportation Engineer
Kidada Dixon, P.E., State Research & Development Engineer
Virgil Clifton, Research Administrator
Vontra Giles, FHWA
File

ALABAMA DEPARTMENT OF TRANSPORTATION



State Planning and Research Annual Work Program **FISCAL YEAR 2023**

October 1, 2022 – September 30, 2023

Part I Statewide Planning

Prepared by the
Alabama Department of Transportation
in cooperation with the
U.S. Department of Transportation
Federal Highway Administration

Final Draft Date: August 22, 2022

ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT)
State Planning & Research Annual Work Program, PART I

INTRODUCTION

This document is ALDOT's Fiscal Year (FY) 2023 State Planning and Research (SPR) Annual Work Program, Part I. This program is developed and updated annually in cooperation with Federal Highway Administration (FHWA) in accordance to the provisions of Title 23, United States Code, regulated under 23 CFR Part 420. A work program for transportation planning activities must include a description of the work to be accomplished and cost estimates by activity or task. In addition, the work program must include a summary that shows: (i) Federal share by type of fund; (ii) Matching rate by type of fund; (iii) State and/or local matching share; and (iv) Other State or local funds.

This program represents **Part I only** which defines statewide transportation planning activities that ALDOT will program with the SPR federal funds and State matching funds.

The following ALDOT Bureaus have submitted projects for this work program:

- Finance & Audit Bureau
- Maintenance Bureau (by sections)
 - Data Collection and Data Management (GIS/LRS Data Management and Support/Map Drafting and Related Projects)
 - Surveying and Mapping
 - Traffic Monitoring
 - Management and Training
- Materials and Tests Bureau
- Local Transportation Bureau
- Design Bureau
- Office Engineer Bureau

This SPR Annual Work Program for FY 2023 is for approximately \$17.8 million Federal funds.

Each Bureau's project task sheet includes a description of the purpose and scope of the project, proposed activities and final accomplishments for the Fiscal Year. Also, each sheet has a Financial Section at the bottom that includes the estimated cost which is 80% SPR Federal funds and 20% State/Local match.

PLEASE NOTE: As of FY 2023, SPR Annual Work Programs for Part II and Part III will be submitted and approved separately by FHWA.

ALDOT's Research and Development Bureau will be responsible for submitting Part II for planning research projects and Local Transportation Bureau will be responsible for submitting Part III for Metropolitan Planning Organization (MPO) Planning (PL) funds.

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**ALABAMA DEPARTMENT OF TRANSPORTATION
STATE PLANNING & RESEARCH DIRECTORY
FY 2023**

FINANCE & AUDIT BUREAU

Schenese Wade	Assistant Bureau Chief	334-242-6365
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MAINTENANCE

Charles R. Pouncey	Assistant Bureau Chief - Data Collection and Data Management	334-242-6408
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Jeremy Barnes	Assistant Bureau Chief - GIS/LRS Data Management	334-242-6419
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John D'Arville	Transportation Administrator - UAS	334-242-6436
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John Russell	Transportation Administrator - Surveying and Mapping	334-242-6405
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Robert Blankenship	Transportation Administrator - Traffic Monitoring	334-242-6393
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Asa Kirkus, P.E.	Assistant State Maintenance Engineer - Management and Training	334-242-6277
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Morgan Musick, P.E.	Civil Engineer, Management & Training	334-242-6273
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MATERIALS AND TEST BUREAU

Scott George, P.E.	State Materials and Test Engineer	334-206-2201
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Kaye Chancellor Davis, P.E.	Deputy Material & Test Engineer	334-206-2277
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Frank Bell, P.E.	Pavement Management Engineer	334-206-2241
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LOCAL TRANSPORTATION BUREAU

Bradley B. Lindsey, P.E.	State Local Transportation Engineer	334-242-6728
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Robert B. Dees, P.E.	Assistant State Local Transportation Engineer, Planning	334-242-6818
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Randy Stroup	Assistant Bureau Chief, Transit	334-242-6760
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DESIGN BUREAU

Wade Henry, P.E.	Assistant State Design Engineer	334-242-6464
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John-Michael Walker, P.E.	State Safety Operations Engineer	334-242-6123
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Dwayne Eric Marable	Transportation Planner, Senior	334-242-6736
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Oretta D. Barrett	Rail Programs Administrator	343-353-6828
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David Welch, P.E.	Special Projects Engineer	334-242-6842
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Scott W. Rogers, P.E.	Environmental Coordination Engineer	334-242-6214
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Natasha Clay	Environmental Coordinator	334-242-6315
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OFFICE ENGINEER BUREAU

Jimmy Carroll	Project Management Systems Administrator	334-242-6423
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Sonya Baker	Assistant Bureau Chief - Planning Studies	343-242-6061
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Toni Arrington	Senior Transportation Planner /Freight Coordinator	334-242-6085
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Sundae Ragland	State Pedestrian & Bicycle Coordinator	334-242-6086
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ALABAMA DEPARTMENT OF TRANSPORTATION
Work Program
Fiscal Year 2023
Program Period 10-01-22 through 9-30-23



PART I PLANNING	<u>SPR 0001 (066)</u>	TYPE		STATE / LOCAL	FEDERAL	TOTAL
		RATIO	FUND			
FY-22 Apportionment		80%	Z55E	\$3,419,419.25	\$13,677,677.00	\$17,097,096.25
FY-21- Carryover Funds	SPR 0001 (064)	80%	Z55E	\$1,250,553.97	\$5,002,215.89	\$6,252,769.86
FY-21 5303 FTA Transfer		80%	21SP	\$0.00	\$0.00	\$0.00
Total Available Funds				\$4,669,973.22	\$18,679,892.89	\$23,349,866.11
Total Estimated Costs				\$4,445,962.80	\$17,783,851.20	\$22,229,814.00
FY 2023 Remaining Balance (Available - Estimated)				\$224,010.42	\$896,041.69	\$1,120,052.11
Actual Expended Cost FY 2023				\$0.00	\$0.00	\$0.00
FY 2023 Remaining Balance (Available - ACTUAL)				\$4,669,973.22	\$18,679,892.89	\$23,349,866.11

PLANNED COSTS
PART 1 -Statewide Planning: SPR-0001 (066)

	<u>SPR-0001(066)</u> <u>FY 2023</u> <u>Proposed Federal</u> <u>Amount</u>	<u>SPR-0001(066)</u> <u>FY 2023</u> <u>Actual Fed Cost</u>
<u>FINANCIAL AND AUDIT</u>		
Highway Statistics		
Motor Vehicle Allocation	\$92,000.00	\$0
Motor Fuel Statistics	\$56,000.00	\$0
State, Local Road and Street Finance	\$56,000.00	\$0
<u>MAINTENANCE</u>		
Data Collection and Data Management		
GIS/LR Data Mangement and Support/Map drafting and Related Projects	\$1,944,483.20	\$0
Unmanned Aerial Systems	\$400,000.00	\$0
Surveying and Mapping		
Physical Road Inventory (Rural and Urban)	\$1,717,000.00	\$0
Aerial Photography	\$500,000.00	\$0
Road Systems	\$52,000.00	\$0
Highway Functional Classification (HFC)	\$132,000.00	\$0
Highway Performance Monitoring System (HPMS)	\$640,000.00	\$0
Traffic Monitoring		
Coverage Counts by Forces	\$536,000.00	\$0
Coverage Counts by Consultant	\$720,000.00	\$0
Validation and Adjustment Counts	\$240,000.00	\$0
Continuous Count Stations	\$788,000.00	\$0
County and Local Roads	\$400,000.00	\$0
Management and Training		
Maintenance Assets Lidar Data Collection	\$320,000.00	\$0
Maintenance Operations and Asset Management	\$380,000.00	\$0
<u>MATERIALS AND TESTS</u>		
Pavement Parameters	\$1,200,000.00	\$0
Pavement Condition Data Collection	\$1,080,000.00	\$0
Geotechnical Manual	\$12,000.00	\$0
GeoGIS Maintenance	\$20,000.00	\$0
<u>LOCAL TRANSPORTATION</u>		
Transportation Planning Support FY 2023	\$60,000.00	\$0
new Long Range Transportation Plan Master Schedule FY 23	\$20,000.00	\$0
State Support Services for MPOs and RPOs Within Alabama	\$1,200,000.00	\$0
Transportation Modeling Supoort for the MPOs Within Alabama	\$64,000.00	\$0
Title VI Plan Update & Development Assistance	\$80,000.00	\$0
Transit Asset Management Performance Measures & NTD Narrative Report	\$60,000.00	\$0
System Security & Emergency Preparedness Planning (SSEPP)	\$120,000.00	\$0
Update of the Procurement Procedures and State Management Plan	\$60,000.00	\$0
new Maintenance Plans (Transit Section) FY 23	\$200,000.00	\$0

	<u>SPR-0001(066)</u> <u>FY 2023</u> <u>Proposed Federal</u> <u>Amount</u>	<u>SPR-0001(066)</u> <u>FY 2023</u> <u>Actual Fed Cost</u>
<u>LOCAL TRANSPORTATION (Continued)</u>		
Rural Planning		
Rural Planning - West Alabama Regional Commission (WARC)	\$65,000.00	\$0
Rural Planning - Alabama Tombigbee Regional Commission (ATRC)	\$63,000.00	\$0
Rural Planning - Regional Planning Commission of Greater Birmingham (RPCGB)	\$59,500.00	\$0
Rural Planning - Southeast Alabama Regional Planning and Development Commission (SEARPDC)	\$51,000.00	\$0
Rural Planning - Northwest Alabama Council of Local Governments (NACOLG)	\$50,500.00	\$0
Rural Planning - North Central Alabama Regional Council of Governments (NARCOG)	\$52,500.00	\$0
Rural Planning - Lee-Russell Council of Governments (LRCOG)	\$39,000.00	\$0
Rural Planning - South-Central Alabama Development Commission (SCADC)	\$56,500.00	\$0
Rural Planning - East Alabama Regional Planning and Development Commission (EARPDC)	\$64,500.00	\$0
Rural Planning - Central Alabama Regional Planning and Development Commission (CARPDC)	\$41,500.00	\$0
Rural Planning - Top of Alabama Regional Council of Governments (TARCOG)	\$60,500.00	\$0
Rural Planning - South Alabama Regional Planning Commission (SARPC)	\$55,000.00	\$0
 <u>DESIGN BUREAU</u>		
Railroad Crossing Inventory Update	\$160,000.00	\$0
Operation Lifesaver (OL)	\$48,000.00	\$0
Update to Statewide Rail Plan	\$344,000.00	\$0
Integration of Crash Records with Roadway, Bridge, Pavement and Traffic Data	\$400,000.00	\$0
Integration of Specific Targeted Sub-Groups into the Strategic Highway Safety Plan (SHSP)	\$320,000.00	\$0
Studies and planning services for the further development of AL Highway Safety Program	\$240,000.00	\$0
Developing a Storm-Water Management Program	\$240,000.00	\$0
Support and Software for 3-D Highway Design	\$435,868.00	\$0
Develop an Enhanced Document Management System	\$80,000.00	\$0
Develop a Programmatic Agreement and Historic Bridge Inventory	\$80,000.00	\$0
new Develop Guidelines for National Environmental Policy Act (NEPA) Documents FY 23	\$80,000.00	\$0
Develop Guidelines for State Environmental Documents (SED)	\$80,000.00	\$0
 <u>OFFICE ENGINEER</u>		
Project Database Maintenance/Reporting and Mapping	\$320,000.00	\$0
Federal-Aid Programming	\$240,000.00	\$0
Statewide Freight Plan	\$320,000.00	\$0
Statewide Bicycle and Pedestrian Plan	\$64,000.00	\$0
Development of a Performance Measurement Program	\$144,000.00	\$0
Statewide Travel Demand Model and Data Collection	\$120,000.00	\$0
Statewide Transportation Plan Update	\$160,000.00	\$0
STIP/SPR Planning Support	\$100,000.00	\$0
 TOTAL PLANNED COST	 \$17,783,851.20	

**STATEWIDE
TRANSPORTATION
PLANNING**

**FY-2023
FINANCIAL and AUDIT
HIGHWAY STATISTICS
MOTOR VEHICLE ALLOCATION**

SPR-0001 (066)

1000XXXXX

PURPOSE AND SCOPE:

To maintain current records of motor vehicle registration data for all counties to include the number and types of registered vehicles, the amount of revenues received and the distribution of the revenues. This computerized data is used in the preparation of various statistical charts and reports required by FHWA, ALDOT and other departments within the State of Alabama.

PROPOSED ACTIVITIES FOR FY 2023:

The Fiscal and Statistical Section will continue the collection and analysis of data reports received from county probate judges relating to motor vehicle registration and taxation. These reports contain information relating to the number of vehicles registered, revenues received and the distribution of revenues to the state and local governments. Forms FHWA 561 and 566 will be completed and submitted for motor vehicle registration data for the fiscal year ending September 30, 2022.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$92,000	SPR	\$23,000	STATE	\$115,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Schenese Wade, Assistant Bureau Chief: 334-242-6365

**FY-2023
FINANCIAL and AUDIT
HIGHWAY STATISTICS
MOTOR FUEL STATISTICS**

SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

Maintenance of current records of motor fuel tax collections. This computerized data is used in the preparation of various statistical charts and reports required by FHWA, ALDOT, and other departments within the State of Alabama.

PROPOSED ACTIVITIES FOR FY 2023:

The collection and analysis of reports received from the Alabama Department of Revenue relating to the consumption and collection of taxes on gasoline and motor fuel continues. Form FHWA 551M will be submitted on a monthly basis to the FHWA showing the consumption of gasoline and motor fuel. Form FHWA 556 showing motor fuel consumption and state motor fuel tax collection for fiscal year ending September 30, 2022, will be completed and submitted.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$56,000	SPR	\$14,000	STATE	\$70,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Schenese Wade, Assistant Bureau Chief: 334-242-6365

FY-2023
FINANCIAL and AUDIT
HIGHWAY STATISTICS
STATE, LOCAL ROAD AND STREET FINANCE
 SPR-0001 (066)
 1000XXXXX

PURPOSE AND SCOPE:

Maintenance of current records of county roads and city streets revenues and expenditures, to include information on debt service funds as it pertains to roads and streets. This computerized data is used in the preparation of various statistical charts and reports required by FHWA, ALDOT and other departments within the State of Alabama.

PROPOSED ACTIVITIES FOR FY 2023:

The Fiscal and Statistical Section will continue the collection and analysis of financial data for all counties and all cities with a population greater than 2,500 and a sample of cities with a population less than 2,500. The data collected will include as a minimum, revenues and expenditures, borrowing and debt service and other functions relating to roads and streets. Form FHWA 536 for the financial data collected for FY 2022 will be completed and submitted for all counties and selected cities.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$56,000	SPR	\$14,000	STATE	\$70,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Schenese Wade, Assistant Bureau Chief: 334-242-6365

FY-2023
MAINTENANCE
DATA COLLECTION AND DATA MANAGEMENT
GIS/LRS DATA MANAGEMENT AND SUPPORT/MAP DRAFTING AND RELATED PROJECTS
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The Geographic Information and Linear Referencing Systems (GIS/LRS) Data Management and GIS Support section is responsible for the continued development and updating of the Enterprise Geographic Information System (EGIS) with the use of a consultant to include Esri Roads and Highways (R&H) LRS platform, Road Inventory System, Highway Performance Monitoring System (HPMS), traffic monitoring data collection system and other respective applications. The section also provides in-house training for new GIS users in the department. Bureaus, regions and areas of the department coordinate with shared databases to ensure accuracy and prevent duplicated information. Aerial Photography is acquired and utilized in transportation planning projects. By implementing and conducting a "Requirements Analysis", goals and objectives are determined, problems and redundancies are resolved, and organizational issues, application needs, and other related issues are addressed to include the continuation of the development of a GIS and Integration System in order to provide a platform for all services in a geospatial information environment to be implemented.

PROPOSED ACTIVITIES FOR FY 2023:

Continue to develop, maintain and support the department's Enterprise eGIS System through the use of a consultant to include Linear Reference System, Road Inventory Management System, Highway Performance Monitoring System and Traffic Monitoring Database, and GIS Dashboards; conduct Requirements Gathering for Integrated Management System and Dashboards; continue design and architect for IMS and Dashboards; continue development of road centerline network to include local routes and streets into the current database consisting of Interstate, U.S. and state routes; continue to conduct EGIS and Esri training classes throughout ALDOT as required for new users; continue updating the road centerline LRS database with Lidar, imagery, and partnerships with e911 and other municipalities to include proposed routes to be displayed on the Five Year Plan/STIP project maps; integration with academic institutions to support integration and further development for the Link & Node System. Develop and implement process to meet FHWA guidelines for Model Inventory of Roadway Elements. Continue developing Video Log and computerized inventories of various NHS/state routes and other functionally classified routes that will be performed and completed as requested and required due to route modifications. Consulting fee expenditures for maintenance and support anticipated to be approximately \$1,005,000.

ACCOMPLISHMENTS DURING FY 2023:



FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$1,944,483	SPR	\$486,121	STATE	\$2,430,604
Actual Cost FY 2023	\$0	SPR	\$0	STATE	
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
Jeromy Barnes, Assistant Bureau Chief GIS/LRS Data Management 334-242-6419

**FY-2023
MAINTENANCE
DATA COLLECTION AND DATA MANAGEMENT
UNMANNED AERIAL SYSTEMS
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

The UAS Section is responsible for all UAS Flight Operations for the Alabama Department of Transportation throughout the State to include Central Office, Regions, Area's and Districts. The UAS Section will conduct all missions within our Standard Operating Procedures, FAA 14 CFR Part 107, FAA UAS Blanket Certificate of Authorization (COA), FAA Jurisdictional COA and any applicable State of Alabama rules, procedures or guidance. ALDOT UAS operators will regard and ensure that the protection of private individuals 'civil rights' and 'expectations of privacy' are considered and respected before any missions/flights. UAS operators will be held accountable for ensuring that the operations of the UAS will pose minimal interference as possible to private persons and businesses.

PROPOSED ACTIVITIES FOR FY 2023:

The UAS group will continue to conduct aerial surveys of various selected projects throughout the state to include: grade and drain and construction of new and relocated routes, rights of ways, structures such as bridges, guardrails and buildings and damaged areas due to Inclement weather, as requested by bureaus in the Central Office and the Regions/Areas. The UAS group will continue to work with the GIS Section in developing and maintaining a UAS Dashboard that will act as a repository of all UAS data flown and processed with a long range goal of allowing the Central Office, Regions, Areas and Districts to access and download UAS data. The UAS Section will continue to train on multiple UAS applications to stay proficient on our multiple systems, this training will include night operations, structures, disaster relief and surveying/mapping.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$400,000	SPR	\$100,000	STATE	\$500,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
John D 'Arville, Transportation Administrator: 334-242-6436

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 SURVEYING AND MAPPING
 PHYSICAL ROAD INVENTORY (RURAL AND URBAN)
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

The computerized physical inventories of rural and urban roads are conducted and maintained electronically, utilizing sitemaps of all rural roads and connecting routes in cities open to the public by identifying and recording all planimetric detail adjacent to the roadway, such as cultural features, roadway structures, railroad/highway grade crossings, physical characteristics of roadways, right-of-way, boundaries of governmental units and federal parks and reservations, corporate limit boundaries and all other attributes which might affect or be affected by the road. A GPS mobile mapping system is used to record data and plot alignment of newly constructed roads and for special requests from other areas of the department.

PROPOSED ACTIVITIES FOR FY 2023:

The collection of GIS/GPS and mobile mapping data will continue along with other attributes for various non-NHS state routes to include all county and local routes not currently inventoried. Various routes will continue to be re-inventoried by county and classification in areas of rapid growth to ensure the HPMS/LRS network is current. Various software platforms will continue to be evaluated for feature extraction of data from imagery and Lidar. Continue Light Detection and Ranging (LIDAR) data collection, extraction and processing on the remaining state-maintained routes through in-house and consultant processes for use in various bureaus within ALDOT to include the HPMS and Roadway Inventory groups/Surveying and Mapping Section/Data Collection and Data Management, the Safety section of Design Bureau, Maintenance Bureau. Consulting Fee expenditures approximately \$1,500,000.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$1,717,000	SPR	\$429,250	STATE	\$2,146,250
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 John Russell, Transportation Administrator: 334-242-6405

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 SURVEYING AND MAPPING
 AERIAL PHOTOGRAPHY
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

The Surveying and Mapping section is responsible for acquiring data for use within the department for various activities including GIS, LRS, Planning, Preliminary Design, and any application requiring reliable consistent data. Aerial Photography and Elevation data are two of the key framework layers required for the development and maintenance of a quality GIS system and other data products. This type data is collected at the local level for various needs at the county, municipal, state, and federal level for GIS functions within each agency. Leveraging this funding lessens the burden on each agency involved and encourages the acquisition of quality data that can be used by each agency. All photography is acquired to meet standards established by the State GIS Council, and all elevation data is acquired to meet the United States Geological Survey (USGS) 3D Elevation Program (3DEP). Efforts are made each year to collaborate with other local, state, and federal agencies to ensure current and reliable data is available statewide. This ensures the needs of many stakeholders are met, and the acquisition cost is divided among the main users.

PROPOSED ACTIVITIES FOR FY 2023:

High quality color aerial photography, elevation data and planimetric data from county, state, and federal agencies will be acquired through funding agreements with those agencies. For those counties that are not acquired by others on a regular basis, contracts will be initiated to collect a standard ortho photo product in those areas. Funds will also be utilized to partner with other agencies in the United States Geological Survey (USGS) 3-D Elevation Program (3DEP) to update aerial LIDAR across multiple counties.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$500,000	SPR	\$125,000	STATE	\$625,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 John Russell, Transportation Administrator: 334-242-6405

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 SURVEYING AND MAPPING
 ROAD SYSTEMS
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

Route descriptions, mileage, and maps are maintained per Road System classification. Requests that comply with FHWA parameters for additional routes and extensions or revisions to existing routes on the state highway and county route system, the National Highway System (NHS), the Strategic Highway Corridor Network (STRAHNET), interstates, and U.S. numbered routes are prepared and submitted to proper authorities. The Road Systems area prepares, revises, publishes, and distributes maps. When revisions are necessary, state and local officials are consulted with a coordinated effort to obtain the appropriate resolutions and prepare supporting data justifying the action(s) is yielded.

PROPOSED ACTIVITIES FOR FY 2023:

GIS/database files for printing revised NHS maps will continue to be prepared and updated and distributed following publication of request. Maps will be stored in an ArcGIS format and made available through web services. Ongoing maintenance of LRS and Roadway Characteristic data will continue with ESRI Roads and Highways. Requests that comply with FHWA parameters concerning changes in local, state, interstate, NHS, STRAHNET, and U.S. Route systems will continue to be prepared with coordinated efforts of state and local officials to revise and update maps and descriptions to reflect necessary changes. Files related to construction and maintenance activities reported by the region/division offices and County Engineering Departments will be reviewed and updated. All data in GIS will be converted and maintained, with an emphasis on updating mileage to reflect Highway Functional Classification and National Highway Systems. Various statistical charts, maps, and tables will be prepared for ALDOT bureaus, regions and areas, and for other governmental agencies within the state.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$52,000	SPR	\$13,000	STATE	\$65,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 John Russell, Transportation Administrator: 334-242-6405

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 SURVEYING AND MAPPING
 HIGHWAY FUNCTIONAL CLASSIFICATION (HFC)
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

Highway Functional Classification (HFC) maps are updated and distributed to the various bureaus, regions, and areas of ALDOT and other local governmental agencies within the state. Metropolitan Urban Limits established by the census clusters are updated and maintained as required, expanding the Metropolitan Planning Area and functional classification of roads.

PROPOSED ACTIVITIES FOR FY 2023:

Modifications and updates will continue as necessary in conjunction with change requests from County and Metropolitan Planning Organizations. Additional work will be initiated to begin evaluating AADT on rural and urban routes to further evaluate the classifications of roadways. Maps will be prepared by ArcGIS database files and distributed as required. ESRI Roads and Highways will be utilized to continue the development and maintenance of the NHS. Maps will be stored in an ArcGIS format and made available via web services. Continued coordination with appropriate federal, state, and local government agencies will be necessary in the continued development and maintenance of the NHS.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$132,000	SPR	\$33,000	STATE	\$165,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408

John Russell, Transportation Administrator: 334-242-6405

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 SURVEYING AND MAPPING
 HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS)
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

The Highway Performance Monitoring System (HPMS) provides current data necessary to meet legislative requirements and agency needs on a periodic basis. Current statistics are provided in relation to mileage and the extent of the various road systems. Highway programs are evaluated by monitoring changes in highway characteristics and performance based on detailed section specific data obtained on a sample basis, minimizing the burden of state reporting, the need for special data requests and special national studies, and provide compatibility with other data systems.

PROPOSED ACTIVITIES FOR FY 2023:

Data elements will be reviewed in accordance with the required IJA and other FHWA revisions. The new EGIS system will continue to be updated with new data. Traffic data and pavement data will be collected on sample sections. Requirements will continue to be met for MAP-21 with guidance from the HPMS Reassessment 2010 and the 2010 census update. HPMS routes and road characteristics data will continue to be maintained using Esri Roads and Highways. Expansion of HPMS QA/QC tools will improve the efficiency of QA/QC and the quality of the HPMS submittal. New software and data extraction procedures will be evaluated and developed to extract and process features and attribute data from data collected through the Lidar process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$640,000	SPR	\$160,000	STATE	\$800,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 John Russell, Transportation Administrator: 334-242-6405

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 TRAFFIC MONITORING
 COVERAGE COUNTS BY FORCES
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To obtain sufficient data from our State, US, and Interstate routes to conform to Federal Highway Administration (FHWA) requirements set forth in the FHWA Traffic Monitoring Guide (TMG), objectives for the Highway Performance Monitoring System (HPMS) reporting system, and other departmental requirements in our urban and rural areas. This entails that all data of our routes is current to within three (3) years and that of our grade-separated interchanges that must be current to within six (6) years. To ensure compliance; all State and US routes are counted on a twelve (12) month cycle, including all grade-separated interchanges, and all our interstates are counted on a two (2) year cycle with the exception of I-459 whose entire route is covered by our Continuous Count Stations (CCSs). These counts, in conjunction with our Coverage Counts by Consultant and CCS counts, provide sufficient data for the establishment of an Average Annual Daily Traffic (AADT) value at all continuous count locations.

PROPOSED ACTIVITIES FOR FY 2023:

Continue the program as outlined in Purpose and Scope above with necessary adjustments dictated by current directives; traffic data will be collected at each location for 168 continuous hours; one-third of the counts collected, at a minimum, off of the interstate system will be vehicle classification counts; review counts and incorporate the data into our existing data management application; purchase portable, solid state traffic counters at an estimated \$70,000 to replace existing traffic counters that are un-repairable resulting in loss of data; purchase an inventory of counter parts and supplies at an estimated cost of \$25,000; and purchase new traffic counters that will either improve data accuracy and/or enhance employee safety at an estimated cost of \$50,000. To assist in better, more accurate data, all 2-lane routes and 4-lane, median divided roadways will be set-up as classification sites.

ACCOMPLISHMENTS DURING FY 2023:

[This section is currently blank.]

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$536,000	SPR	\$134,000	STATE	\$670,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 Robert Blankenship, Transportation Administrator: 334-242-6393

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 TRAFFIC CHARACTERISTICS
 COVERAGE COUNTS BY CONSULTANT
 SPR-0001 (066)
 1000XXXXX**

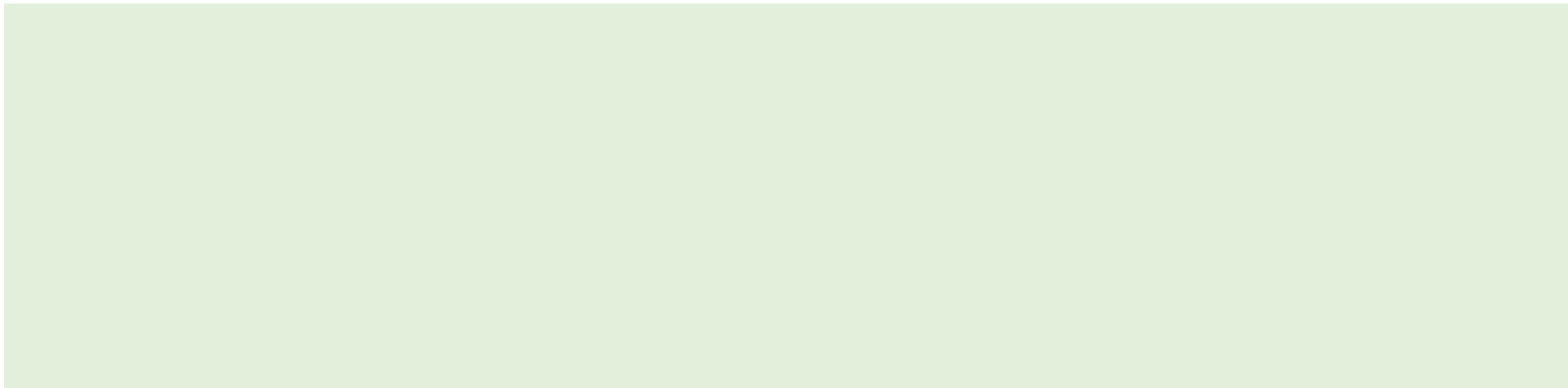
PURPOSE AND SCOPE:

Utilize consultants to supplement the collection of data from our State, US, and Interstate routes within large urban areas to conform to Federal Highway Administration (FHWA) requirements set forth in the FHWA Traffic Monitoring Guide (TMG), objectives for the Highway Performance Monitoring System (HPMS) reporting system, and other departmental requirements in our large urban areas. This entails that the data for the routes within the large urban areas are current to within three (3) years and that of our grade-separated interchanges within our large urban areas are current to within six (6) years. These counts, in conjunction with our Coverage Counts by Forces & CCS counts, provide sufficient data for the establishment of an Average Annual Daily Traffic (AADT) value at all continuous count locations.

PROPOSED ACTIVITIES FOR FY 2023:

Continue the program as outlined in Purpose and Scope above with necessary adjustments dictated by current directives; traffic data will be collected from each site within the large urban in 48 hour increments, between 10 AM Monday through 11 AM Friday; provide guidance to consultant regarding locations to be counted; provide specific data and submittal requirements to the consultant; and review the progress and results from the data provided by the consultant to determine continued scope of work. Consulting fee expenditures anticipated to be approximately \$775,000.

ACCOMPLISHMENTS DURING FY 2023:



FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$720,000	SPR	\$180,000	STATE	\$900,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 Robert Blankenship, Transportation Administrator: 334-242-6393

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 TRAFFIC MONITORING
 VALIDATION AND ADJUSTMENT COUNTS
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To collect data to verify/check our CCSs to ensure that they are counting and classifying data correctly. To collect classification data on coverage count routes to establish axle-correction factors for our tube counters.

PROPOSED ACTIVITIES FOR FY 2023:

To verify/check our CCSs, establish a list that contains one-third of all our CCS locations and manually count the traffic at these locations, for a minimum of three (3) hours, to compare with the equipment at these locations to determine accuracy of the locations; review axle-correction factors in TDM to determine factors over five (5) years old, visit those location to manually collect vehicle density information for three (3) to four (4) hours to update axle-correction factor.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$240,000	SPR	\$60,000	STATE	\$300,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 Robert Blankenship, Transportation Administrator: 334-242-6393

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 TRAFFIC MONITORING
 CONTINUOUS COUNT STATIONS
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To collect sufficient data to be able to determine factors for adjusting coverage count station data to an Average Annual Daily Traffic value. The data from these sites is also used to determine the design hour factor (K) for that location, as well as, the directional distribution (D) of the traffic for the design hour. Provides for the generation of various growth factors. To obtain sufficient traffic volume data in support of the FHWA Travel Monitoring Analysis System (TMAS).

PROPOSED ACTIVITIES FOR FY 2023:

Continue the program as outlined in Purpose and Scope above with necessary adjustments dictated by current directives; establish new CCS sites, maintain and replace loops and/or traffic data collection equipment as necessary; continue to operate telemetry system of all CCSs; review data to validity of data and determine what traffic data collection equipment needs repair; purchase replacement traffic counting equipment to replace un-repairable units at \$250,000; upgrade existing equipment to satisfy new truck monitoring requirement in the Traffic Monitoring Guide (TMG); purchase and repair traffic data telemetry equipment to ensure continued operation of our CCSs at a cost of \$75,000; maintain Traffic Data Monitoring (TDM) application that houses all traffic data; research and/or developed standardized telemetry system for use on all CCSs; research and evaluate new technology for enhanced traffic data collection; and continue working with ITS Section to establish standard protocol and date formats for the sharing of traffic data.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$788,000	SPR	\$197,000	STATE	\$985,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 Robert Blankenship, Transportation Administrator: 334-242-6393

**FY-2023
 MAINTENANCE
 DATA COLLECTION AND DATA MANAGEMENT
 TRAFFIC MONITORING
 COUNTY AND LOCAL ROADS
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To obtain sufficient data from local and county routes to conform to Federal Highway Administration (FHWA) requirements set forth in the FHWA Traffic Monitoring Guide (TMG), objectives for the Highway Performance Monitoring System (HPMS) reporting system, and other departmental requirements in our urban and rural areas. These counts, in conjunction with select CCS counts, provide sufficient data for the establishment of an Average Annual Daily Traffic (AADT) for local and county routes.

PROPOSED ACTIVITIES FOR FY 2023:

Collect vehicle count and classification data from select county and local routes in 48 hour increments, between 10 AM Monday through 11 AM Friday; review counts and incorporate the data into our existing data management application. To assist in better, more accurate data, all 2-lane routes and 4-lane, median divided roadways will be set-up as classification sites.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$400,000	SPR	\$100,000	STATE	\$500,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Charles R. Pouncey, Assistant Bureau Chief: 334-242-6408
 Robert Blankenship, Transportation Administrator: 334-242-6393

**FY-2023
 MAINTENANCE
 MANAGEMENT AND TRAINING
 MAINTENANCE ASSETS – LIDAR DATA COLLECTION
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To assist and provide resources in the utilization of a consultant to perform Lidar Data Collection on a portion of 23,640 miles of NHS/State maintained routes for utilization of roadway and bridge asset data extracted, processed and incorporated into the Enterprise Geographic Information System (EGIS) for use in the various programs and databases relative to maintenance operations.

PROPOSED ACTIVITIES FOR FY 2023:

Enhancing Alabama's performance-based budgeting capabilities will continue with the integration of LIDAR collected asset data into the current Maintenance Management System to be used Level of Service Analysis. Continued post-implementation support for Maintenance Management System continued support with updating the Transportation Asset Management Plan (TAMP). Revision of Maintenance and Field Operations Manual. Refining, expanding, and updating the District Manager Training Program.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$320,000	SPR	\$80,000	STATE	\$400,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Asa Kirkus, P.E. Assistant Bureau Chief: 334-242-6277
 Morgan Musick, P.E. Civil Engineer, Management and Training: 334-242-6273

**FY-2023
 MAINTENANCE
 MANAGEMENT AND TRAINING
 MAINTENANCE OPERATIONS AND ASSET MANAGEMENT
 SPR-0001 (066)
 1000XXXXX**

PURPOSE AND SCOPE:

To select a consultant for a two-year contract to continue the work began in 2008. During the past ten years, the Maintenance Bureau has been in the process of implementing best business practices in maintenance as well as the software necessary to support those practices. This should include continued support and integration to the current Maintenance Management System, a modern Maintenance Management System for planning and budgeting statewide routine maintenance assets and resources through the Maintenance Bureau.

PROPOSED ACTIVITIES FOR FY 2023:

Enhanced Alabama's performance-based budgeting capabilities will continue integration and organization of LIDAR Data Collection with the current Maintenance Management System as well as incorporation of this data into the Level of Service Analysis. Revision of the Maintenance and Field Operations Manual. Refining, expanding, and updating the District Manager Training Program. Continued support with updating the Transportation Asset Management Plan (TAMP). Continued support in the development and implementation of an updated Maintenance Management System.

ACCOMPLISHMENTS DURING FY2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$380,000	SPR	\$95,000	STATE	\$475,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Asa Kirkus, P.E Assistant Bureau Chief: 334-242-6277
 Morgan Musick, P.E. Civil Engineer, Management and Training: 334-242-6273

FY-2023
MATERIALS AND TESTS
PAVEMENT PARAMETERS
 SPR-0001(066)
 1000XXXXX

PURPOSE AND SCOPE:

To establish and maintain a current and historical record of pavement smoothness and other pavement distress data on the state highway system and certain sections off-system as necessary for the Highway Performance Monitoring System (HPMS). These data are used in the preparation of the HPMS report, the Governmental Accounting Standards Board Statement 34 (GASB34) report, as well as the reports and maps generated from the state Pavement Management System (PMS).

To perform pavement friction testing on state routes biennially (National Highway System [NHS] yearly) and to conduct testing as requested to assist in the development of a federally-funded safety program.

PROPOSED ACTIVITIES FOR FY 2023:

Continue with enhancements to reporting, etc., for the state PMS.

Conduct friction testing on the NHS, and all routes in the North, East Central, and Southwest Regions. Conduct additional friction testing as required to contribute to the state's safety program.

ACCOMPLISHMENTS DURING FY 2023:

[This section is currently blank.]

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$1,200,000	SPR	\$300,000	STATE	\$1,500,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Scott George, P.E., State Materials and Tests Engineer 334-206-2201

Frank Bell, P.E., Pavement Management Engineer 334-206-2241

**FY-2023
MATERIALS AND TESTS
PAVEMENT CONDITION DATA COLLECTION**

SPR-0001(066)
1000XXXXX

PURPOSE AND SCOPE:

To fund the pavement distress data collection and associated ROW imagery on the National Highway System yearly and all other routes on the state system biennially. Several reports are derived from this data described above the processing of which is paid for largely from the Pavement Parameters account [SPR-0001(061)]. The reports include:

- A dump of imagery for use in the Department’s EGIS Viewer dashboard software
- Various tables submitted for the Highway Performance Monitoring System Report
- Governmental Accounting Standards Board Statement 34 reporting (GASB34)
- Standard pavement management system reporting
- Ad-hoc reporting for the Interstate Maintenance Review Committee

PROPOSED ACTIVITIES FOR FY 2023:

Data collection on the NHS and all routes in the North, East Central, and Southwest Regions along with select off-system routes (as required for HPMS reporting).

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$1,080,000	SPR	\$270,000	STATE	\$1,350,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Scott George, P.E., State Materials and Tests Engineer 334-206-2201
Frank Bell, P.E., Pavement Management Engineer 334-206-2241

**FY-2023
MATERIALS AND TESTS
GeoTECHNICAL MANUAL**

SPR-0001(066)
1000XXXXX

PURPOSE AND SCOPE:

To establish an updated ALDOT Geotechnical Manual to include the new LRFD Design Process. FHWA has mandated all State DOT's must implement the AASHTO developed LRFD Design Process. This manual will provide guidance to consultants working on ALDOT projects, and also provide guidance to in-house ALDOT Engineers on gathering engineering specific information pertaining to the subsurface conditions of a specific construction area. These guidelines will include visual inspections, collection of samples, and data analysis to produce Soil Surveys, Slope Studies, Materials Reports, and Foundation Reports.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT's Geotechnical Manual has been put into practice. The requested funds will provide for anticipated updates required due to the new AASHTO LRFD guidelines which are being implemented this year. The new guidelines are anticipated to require modifications for seismic analysis for parts of the state.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$12,000	SPR	\$3,000	STATE	\$15,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Scott George, P.E., State Materials and Tests Engineer: 334-206-2201
Kaye Chancellor Davis, P.E., Deputy M&T Engineer: 334-206-2277

FY-2023
MATERIALS & TESTS
GeoGIS MAINTENANCE
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

To fund the continued maintenance of the ALDOT GeoGIS web-based geotechnical database management system which was developed by the University of Alabama and is housed on ALDOT computers. The funds facilitate the continued collaboration with the developers while maintaining all functionality of the system for use by ALDOT employees and consultants. The funds will also be used to continue to populate the database by having students scan and enter historical files into the system for ALDOT.

PROPOSED ACTIVITIES FOR FY 2023:

Continue to add enhancements to the system based upon user feedback. Provide assistance in maintenance of the system as trouble tickets are entered. Continue to populate projects and files into the system with associated documents through scanning historical documents and uploading them to the system.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$20,000	SPR	\$5,000	STATE	\$25,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Scott W. George, P.E. State Materials & Tests Engineer: 334-206-2201
Kaye Chancellor Davis, P.E. Deputy Materials & Tests Engineer: 334-2062277

FY-2023
LOCAL TRANSPORTATION
TRANSPORTATION PLANNING SUPPORT FY 2023
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of this project is support the MPO's Long-Range Transportation Planning Process, specifically the Travel-Demand Model. This project will develop a standardization process for all MPO models.

PROPOSED ACTIVITIES FOR FY 2023:

Local Transportation Bureau will hire a consultant to develop a set of standards for a MPO Travel-Demand Model. The consultant will develop a report that documents standards such as file nomenclature and labels for scenarios. The consultant will work with MPOs to implement this standardization.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$60,000	SPR	\$15,000	STATE	\$75,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION BUREAU
LONG-RANGE TRANSPORTATION PLAN MASTER SCHEDULE
SPR-0001 (066)
1000xxxxx

PURPOSE AND SCOPE:

The purpose of this project is support of the MPO's Long-Range Transportation Planning Process; specifically the Travel-Demand Model. This project will develop a master schedule for each MPO and their LRTP submission.

PROPOSED ACTIVITIES FOR FY 2023:

Local Transportation Bureau will hire a consultant to develop a set of schedule for MPO Travel-Demand Models and long-range plans. The consultant will contact each MPO to pull their schedule and develop a master schedule from that information.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$20,000	SPR	\$5,000	STATE	\$25,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
STATE SUPPORT SERVICES FOR MPOs AND RPOs WITHIN ALABAMA
 SPR-0001 (066)
 1000XXXXX

PURPOSE AND SCOPE:

The purpose of this task is to guide, provide technical support and to provide training for MPOs and RPO's.

PROPOSED ACTIVITIES FOR FY 2023:

The Local Transportation Bureau will provide overall program guidance to the MPOs / RPOs and assist with the following activities: invoicing; committee meetings; data gathering and management; development of the FY 2023 Unified Planning Work Program; Transportation Improvement Program (TIP) updates and development; Long-Range Transportation Plan development; training; and public involvement. These funds will also cover daily operations for the Local Transportation Bureau, including travel.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$1,200,000	SPR	\$300,000	STATE	\$1,500,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
 Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
TRANSPORTATION MODELING SUPPORT FOR THE MPOs WITHIN ALABAMA
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

Coordinate with state and metropolitan planning organizations to provide technical support and training on the use of urban transportation modeling packages and data necessary to operate the models. The urban transportation modeling packages that will be supported through this effort include Cube Voyager. Other modeling packages will be evaluated in FY-2023 but would not be purchased until FY-2024.

PROPOSED ACTIVITIES FOR FY 2023:

In FY-2023 ALDOT will purchase a maintenance license from Bentley for Cube Voyager and pay a consultant to teach that software to the MPOs. That consultant will develop and disseminate educational materials for hands-on workshops to be presented at each individual community and at statewide workshops. He will also provide technical support to 14 Metropolitan Planning Organizations. Approximately \$27,000 (Total) will be used to purchase the software and \$50,000 (Total) will be paid to the consultant.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$64,000	SPR	\$16,000	STATE	\$80,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
TITLE VI PLAN UPDATE & DEVELOPMENT ASSISTANCE
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

This project will utilize a Consultant to provide professional planning services to the Local Transportation Bureau in the development and updating of sub-recipient Title VI plans to meet all requirements included in FTA circular 4702.1B. The Consultant will assist sub-recipients statewide to meet these requirements. The Consultant will gather local information, new census data and assist each sub-recipient in tailoring their Title VI Plan to local needs and requirements. The Consultant will assist with the preparation of sub-recipient Limited English Proficiency (LEP) Plans based on the latest census data, local and statewide demographics and populations served utilizing the Four Factor Analysis.

PROPOSED ACTIVITIES FOR FY 2023:

The Consultant will review ALDOT sub-recipient Title VI plans and update the plans to meet current federal requirements and census data under the direction of Local Transportation Bureau Transit section. Consultant will assist new sub-recipients with the development of Title VI Plans.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$80,000	SPR	\$20,000	STATE	\$100,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

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Randy Stroup, Asst. State Local Transportation Bureau Chief-Transit : 334-353-6455

FY-2023
LOCAL TRANSPORTATION
TRANSIT ASSET MANAGEMENT PERFORMANCE MEASURES & NTD NARRATIVE REPORT
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of this program is to update and maintain a transit asset management performance measures in coordination with current legislative requirements. The performance measures are associated with national goals. The national performance goals for the Federal highway programs were established in MAP-21 for transit systems performance are separate and unique to transit.

PROPOSED ACTIVITIES FOR FY 2023:

The consultant will continue work on this project to provide planning services to the Local Transportation Bureau. Consultant activities will include but are not limited to incorporation of the departments new Public Involvement Process, latest census data (when certified). Consultant will collect and analyze FY 22 transit inventory data provided by ALDOT to assess whether FY 22 performance measures were met. Consultant will propose FY 23 performance measures in accordance with current legislative requirements and prepare ALDOT's annual National Transit Database (NTD) narrative report.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$60,000	SPR	\$15,000	STATE	\$75,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Randy Stroup, Asst. State Local Transportation Bureau Chief-Transit : 334-353-6455

FY-2023
LOCAL TRANSPORTATION
SYSTEM SECURITY & EMERGENCY PREPAREDNESS PLAN (SSEPP)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

Recent events have focused renewed attention on the vulnerability of the nation's critical infrastructure to major events, including terrorism. The Public Transportation System Security and Emergency Preparedness Planning Guide has been prepared to support the activities of public transportation systems to plan for and respond to major security threats and emergencies. It emphasizes the importance of developing critical relationships, preparing strategies and policies, and setting training and funding priorities. It offers practical guidance for planning effectively, spending wisely, and making the public transportation infrastructure safer.

PROPOSED ACTIVITIES FOR FY 2023:

In consideration of recent events, ALDOT subrecipients Safety, Security and Emergency Preparedness Plans (SSEPP) do not fully cover pandemic type events and therefore need to be updated. The Local Transportation Bureau will lead this project, with the assistance of a consultant in the area of planning to update subrecipients SSEPP's and associated documents to include strategies and processes to address new threat to the states critical infrastructure.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$120,000	SPR	\$30,000	STATE	\$150,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Randy Stroup, Asst. State Local Transportation Bureau Chief-Transit : 334-353-6455

FY-2023
LOCAL TRANSPORTATION
UPDATE OF THE PROCUREMENT PROCEDURES AND STATE MANAGEMENT PLAN
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of this program is to establish up-to-date and comprehensive transit vehicle procurement specifications in coordination with current legislative requirements, FTA procurement regulations and State law. Specifications are to include options for optional service, security and additional safety systems. Vehicle procurement specifications are to include vehicle types and options desired by the various transit providers.

PROPOSED ACTIVITIES FOR FY 2023:

The consultant will continue work on this project to provide planning services to the Local Transportation Bureau. Consultant activities will include, but are not limited to, incorporation of the departments new Public Involvement Process, latest census data (when certified), removal of references to Section 5307 (small urban areas) when the remaining agencies become direct recipients to FTA (Section 5307 direct recipient process is scheduled to be completed October 1, 2022), documentation and incorporation of provider comments as warranted into DRAFT State Management Plan (SMP), incorporation of FTA comments into final document for use in the management of ALDOT sub-recipients that receive federal funds for public transportation.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$60,000	SPR	\$15,000	STATE	\$75,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
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FY-2023
LOCAL TRANSPORTATION
MAINTENANCE PLANS (TRANSIT)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

Public transit requires a considerable investment in buildings, equipment, and machinery. Proper maintenance of assets is key to protecting the FTA investment and prolonging the useful life of assets.

All recipients with direct control over FTA-funded assets must:

- Have a written maintenance plan(s) for FTA-funded assets; and
- The plan(s) must describe a system of periodic inspections and preventive maintenance to be performed at certain defined intervals. Note: It is sufficient if the recipient's system is maintained digitally in its maintenance management information system, instead of in the physical maintenance plan(s).

PROPOSED ACTIVITIES FOR FY 2023:

The Consultant will review ALDOT Transit Maintenance plans template and update the plans to meet current federal requirements and census data under the direction of Local Transportation Bureau Transit section. Consultant will assist new sub-recipients with the development of the Maintenance Plans.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$200,000	SPR	\$50,000	STATE	\$250,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728

Randy Stroup, Asst. State Local Transportation Bureau Chief-Transit : 334-353-6455

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - WEST ALABAMA REGIONAL COMMISSION (WARC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the West Alabama Regional Commission (WARC) is to organize a rural transportation planning process for the seven west Alabama counties (Bibb, Fayette, Greene, Hale, Lamar, Pickens, and Tuscaloosa). The planning process is an annual program sponsored by ALDOT and WARC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$65,000	SPR	\$16,250	STATE	\$81,250
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - ALABAMA TOMBIGBEE REGIONAL COMMISSION (ATRC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Alabama Tombigbee Regional Commission (ATRC) is to organize a rural transportation planning process for ten Alabama counties (Choctaw, Clarke, Conecuh, Dallas, Marengo, Monroe, Perry, Sumter, Washington and Wilcox). The planning process is an annual program sponsored by ALDOT and ATRC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$63,000	SPR	\$15,750	STATE	\$78,750
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
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FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - REGIONAL PLANNING COMMISSION OF GREATER BIRMINGHAM (RPCGB)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Regional Planning Commission of Greater Birmingham (RPCGB) is to organize a rural transportation planning process for six Alabama counties (Blount, Chilton, Jefferson, Shelby, St. Clair and Walker). The planning process is an annual program sponsored by ALDOT and RPCGB to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$59,500	SPR	\$14,875	STATE	\$74,375
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - SOUTHEAST ALABAMA REGIONAL PLANNING AND DEVELOPMENT COMMISSION
(SEARPDC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Southeast Alabama Regional Planning and Development Commission (SEARP&DC) is to organize a rural transportation planning process for seven Alabama counties (Barbour, Coffee, Covington, Dale, Geneva, Henry and Houston). The planning process is an annual program sponsored by ALDOT and SEARP&DC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$51,000	SPR	\$12,750	STATE	\$63,750
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - NORTHWEST ALABAMA COUNCIL OF LOCAL GOVERNMENTS (NACOLG)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Northwest Alabama Council of Governments (NACOLG) is to organize a rural transportation planning process for five Alabama counties (Colbert, Franklin, Lauderdale, Marion and Winston). The planning process is an annual program sponsored by ALDOT and NACOLG to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$50,500	SPR	\$12,625	STATE	\$63,125
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
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FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - NORTH CENTRAL ALABAMA REGIONAL COUNCIL OF GOVERNMENTS (NARCOG)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the North Central Alabama Regional Council of Governments (NARCOG) is to organize a rural transportation planning process for three Alabama counties (Cullman, Lawrence and Morgan). The planning process is an annual program sponsored by ALDOT and NARCOG to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$52,500	SPR	\$13,125	STATE	\$65,625
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - LEE-RUSSELL COUNCIL OF GOVERNMENTS (LRCOG)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Lee-Russell Council of Governments (LRCOG) is to organize a rural transportation planning process for two Alabama counties (Lee and Russell). The planning process is an annual program sponsored by ALDOT and LRCOG to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$39,000	SPR	\$9,750	STATE	\$48,750
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING – SOUTH-CENTRAL ALABAMA DEVELOPMENT COMMISSION (SCADC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the South Central Alabama Development Commission (SCADC) is to organize a rural transportation planning process for six Alabama counties (Bullock, Butler, Crenshaw, Lowndes, Macon and Pike). The planning process is an annual program sponsored by ALDOT and SCADC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$56,500	SPR	\$14,125	STATE	\$70,625
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
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FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - EAST ALABAMA REGIONAL PLANNING AND DEVELOPMENT COMMISSION (EARPDC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the East Alabama Regional Planning and Development Commission (EARPDC) is to organize a rural transportation planning process for ten Alabama counties (Calhoun, Chambers, Cherokee, Clay, Cleburne, Coosa, Etowah, Randolph, Talladega and Tallapoosa). The planning process is an annual program sponsored by ALDOT and EARPDC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$64,500	SPR	\$16,125	STATE	\$80,625
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - CENTRAL ALABAMA REGIONAL PLANNING AND DEVELOPMENT COMMISSION (CARPDC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Central Alabama Regional Planning and Development Commission (CARPDC) is to organize a rural transportation planning process for three Alabama counties (Autauga, Elmore and Montgomery). The planning process is an annual program sponsored by ALDOT and CARPDC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$41,500	SPR	\$10,375	STATE	\$51,875
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - TOP OF ALABAMA REGIONAL COUNCIL OF GOVERNMENTS (TARCOG)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Top of Alabama Regional Council of Governments (TARCOG) is to organize a rural transportation planning process for five Alabama counties (DeKalb, Jackson, Limestone, Madison and Marshall). The planning process is an annual program sponsored by ALDOT and TARCOG to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$60,500	SPR	\$15,125	STATE	\$75,625
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

FY-2023
LOCAL TRANSPORTATION
RURAL PLANNING - SOUTH ALABAMA REGIONAL PLANNING COMMISSION (SARPC)
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the South Alabama Regional Planning Commission (SARPC) is to organize a rural transportation planning process for three Alabama counties (Baldwin, Escambia and Mobile). The planning process is an annual program sponsored by ALDOT and SARPC to yield a well-managed rural transportation planning process; an effective transportation committee structure; a comprehensive data library and distribution source; reports that are useful to ALDOT and local governments; and a well-informed public that actively participates in the rural transportation planning process.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT and the RPO will continue to involve counties and small urban areas in the Transportation Planning Process.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$55,000	SPR	\$13,750	STATE	\$68,750
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Bradley B. Lindsey, P.E. State Local Transportation Engineer: 334-242-6728
Robert B. Dees, P.E. Assistant State Local Transportation Engineer, Planning: 334-242-6992

**FY-2023
DESIGN
RAILROAD CROSSING INVENTORY UPDATE
SPR-0001 (066)
1000XXXXX**

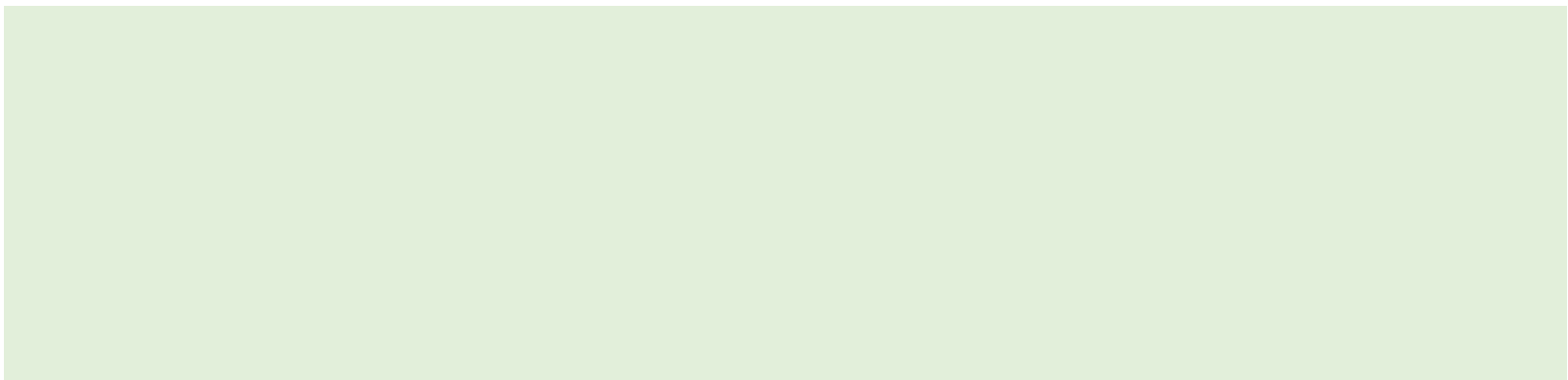
PURPOSE AND SCOPE:

To maintain and update records for all public railroad crossings (i.e., updating inventory records to identify crossing closures and update current records for crossings that are open). Pertinent data such as location, type, highway system, functional classification, average daily traffic (ADT), type of warning devices, school bus counts, etc. are collected. Provide coordination and exchange data and information with the railroads, Federal Railroad Administration (FRA) and ALDOT Region offices to assure the records are complete and up-to-date.

PROPOSED ACTIVITIES FOR FY2023:

The Rail Highway Programs Group will continue updating electronic records with information provided through the FRA database, the Region Rail Coordinators (RRC), and the railroads. States are required by federal regulation to update crossing Inventory records for all existing public at-grade crossings annually. This is to comply with Public Law 110-432. J.R. 2095 / S. 1889 for the Rail Safety Improvement Act of 2008. This fiscal year the Rail Group will continue the pursuit of upgrading the existing Rail Crossing Inventory System to a system that will allow the department to develop and maintain data integrity, provide an efficient way of managing rail inventory data by streamlining data collection, protocols, incorporation of multiple data sources, utilizing dynamic modeling, in-depth crossing ranking analysis for rail safety, etc. The contract for the new system is pending.

ACCOMPLISHMENTS DURING FY2023:



FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$160,000	SPR	\$40,000	STATE	\$200,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Oretta D. Barrett, Rail Programs Administrator: 334-242-6828

**FY-2023
DESIGN
OPERATION LIFESAVER (OL)
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

In the public interest Alabama Department of Transportation (ALDOT) provides funding to support the Operation Lifesaver program in an effort to promote safety at railroad grade crossings. This program promotes safety education and efforts at railroad grade crossings throughout the State through public service announcements and instructional training. ALDOT provides funding from the Title 23 U.S.C. Section 505 Funds to support public education, public service announcements, and training for Operation Lifesaver. The funding will be used for radio taglines for traffic reports, training of new presenters, and cost associated for providing materials, brochures, and other supplies for this program. ALDOT's obligations are limited to providing funding for this program and assumes no obligation or liability for administering the program. The costs charged to this project will be supported by invoices, time sheets, material costs, etc. to reflect the real and actual costs. These records will be maintained by Operation Lifesaver; accounts and records related to this project will be available to representatives of ALDOT and the federal government for a period of three years.

PROPOSED ACTIVITIES FOR FY2023:

The Alabama Department of Transportation Design Bureau - Traffic Safety & Operations Rail Highway Safety Programs Group will continue to support and participate in Operation Lifesaver Board Meetings and Safety Blitzes in the State for FY 2023; associated training for Operation Lifesaver presenters; Rail Safety Week in June, in addition to National Rail Safety Month in September. During the 2023 fiscal year, it is anticipated that approximately \$60,000.00 will be expended in consulting fees.

ACCOMPLISHMENTS DURING FY2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$48,000	SPR	\$12,000	STATE	\$60,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Oretta D. Barrett, Rail Programs Administrator: 334-242-6828

**FY-2023
DESIGN
UPDATE TO STATEWIDE RAIL PLAN
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

The Alabama Rail Plan is a component of the Alabama Department of Transportation’s Design Bureau-Traffic Safety & Operations program, reflecting the role of rail mobility in serving the demands of passenger and freight transportation. The 2013 Alabama Rail Plan responds to FRA guidance to implement the Passenger Rail Investment and Improvement Act (PRIIA) enacted by Congress in October 2008. The Rail Plan was completed in accordance with FRA guidance and the Moving Ahead for Progress in the 21st Century Act (MAP-21). Outreach to Stakeholders, i.e., Railroads, MPO's and RPO's, was a key feature in the development of the 2013 Alabama Rail Plan. This document was approved by the Transportation Director and FRA. The 2013 Rail Plan will be updated in five (5) years.

PROPOSED ACTIVITIES FOR FY2023:

The Rail Plan, 2013 edition, will require a significant amount of work to incorporate and update data and current trends related to Freight Transportation. The Rail Section has contracted with ATLAS Technical Consultants, LLC to update this plan. The update of the plan is ongoing and is expected to be completed by January 2023.

ACCOMPLISHMENTS DURING FY2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$344,000	SPR	\$86,000	STATE	\$430,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Oretta D. Barrett, Rail Programs Administrator: 334-242-6828

**FY-2023
DESIGN
INTEGRATION OF CRASH RECORDS WITH ROADWAY, BRIDGE, PAVEMENT AND TRAFFIC DATA
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

Integration of the statewide crash records with roadway, bridge, pavement, traffic information, etc. from various ALDOT Bureaus to improve and enhance the analysis of data to provide safety improvements for all public roads in the state. Improvements in the analytical techniques will help to improve identification of crash locations and appropriate funding more efficiently. This process is expected to take several years to integrate all needed data.

PROPOSED ACTIVITIES FOR FY 2023:

Work will continue on Portal development, deploy test version of the new ALDOT SAFETY Portal to include focus on new features, continue work on mapping capabilities and Formulated Ordering of Crashes and Intersedtion and Segments (FOCIS) intersection diagramming in SAFETY Portal. Improve data accuracy through crash locating and link/node updating, push statewide crash events to ALDOT for use within the ALDOT eGIS software tools. Improve Hotspot Analysis with with Safety Performance Functions, Integrate hotspot portal user interface with new SAFETY Portal, Integrate new hotspot analysis methods. Training data preparation, reporting, on-going maintenance and planning. Meet with ALDOT Safety group to review progress quarterly. Hold information sessions at statewide ALDOT conferences as requested by ALDOT. Continue training of ALDOT personnel and other state crash data users. Record training videos for key features of new portal. Preparation of presentations for ALDOT as needed for TRCC meetings.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$400,000	SPR	\$100,000	STATE	\$500,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Dwayne Eric Marable, Transportation Planner, Senior: 334-242-6736

**FY-2023
DESIGN
INTEGRATION OF SPECIFIC TARGETED SUB-GROUP INTO THE
STRATEGIC HIGHWAY SAFETY PLAN (SHSP)
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

To support and identify statewide transportation safety programs that specifically target teen drivers, elderly drivers, bicycle safety, pedestrian safety, motorcycle safety and other over-represented groups based on the analysis of statewide traffic records and data to include CARE, FARS, and local traffic data and trends. These specific targeted areas will highlight the importance of educating, training and informing the public, while incorporating engineering, enforcement, and emergency medical services, (the 4E's of Transportation Safety) statewide. Each program will be sustained for a period of three years.

PROPOSED ACTIVITIES FOR FY 2023:

Funding of SafeKids through Childrens of Birmingham, Older Driver program through South Alabama, Keys to Drive outreach in conjunction with Community and Media Relations Bureau, and teen/distracted driving outreach through the University of Alabama at Birmingham.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$320,000	SPR	\$80,000	STATE	\$400,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

John-Michael Walker, P.E. State Safety Operations Engineer: 334-242-6123

**FY-2023
DESIGN
STUDIES AND PLANNING SERVICES FOR THE FURTHER DEVELOPMENT OF THE ALABAMA HIGHWAY
SAFETY PROGRAM
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

Studies, Planning, and Development of various tools to aid in the further development of the Highway Safety Program. Included in this program is professional and technical support from universities on select safety issues, as they arise, such as the development of select safety programs and analysis methodologies. This includes development of Safety Performance Functions (SPF) methodologies as noted in the AASHTO Highway Safety Manual (HSM) and other tools developed from ongoing research.

PROPOSED ACTIVITIES FOR FY 2023:

Safety Performance Functions (SPF) Development and Dynamic Red protection study continuation

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$240,000	SPR	\$60,000	STATE	\$300,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

John-Michael Walker, P.E. State Safety Operations Engineer: 334-242-6123

**FY-2023
DESIGN
DEVELOPING A STORM-WATER MANAGEMENT PROGRAM
SPR-0001 (066)
1000XXXXX**

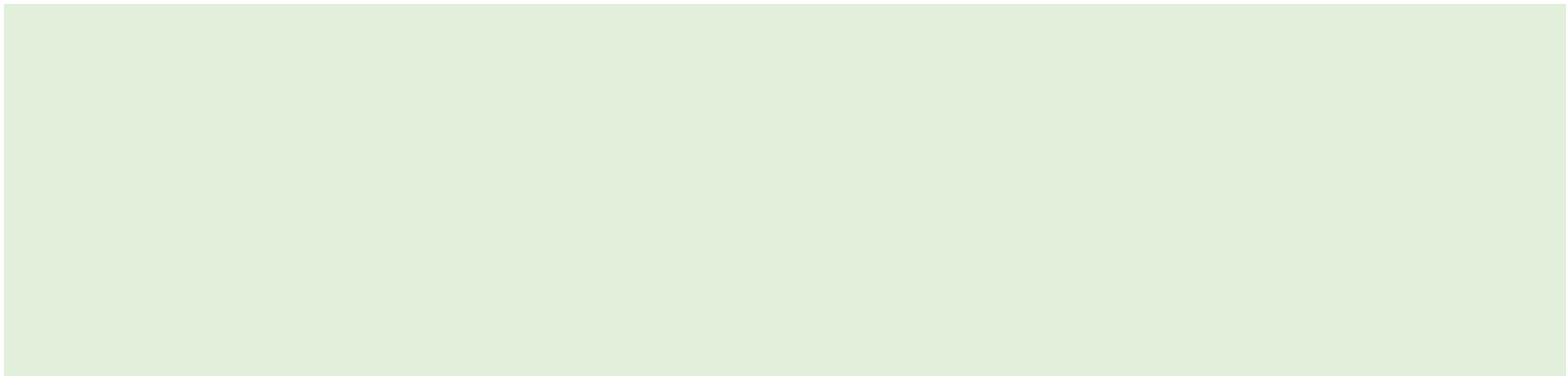
PURPOSE AND SCOPE:

The U.S. Environmental Protection Agency (EPA) requires particular activities of certain public entities owning property or conducting operations in urban areas to manage stormwater runoff. As a result, the Alabama Department of Environmental Management (ADEM) issues Municipal Separate Storm Sewer System (MS4) permits to public entities in the State of Alabama and enforces the requirements of those permits. ALDOT is a public entity that owns property and conducts operations in all of the urban areas in Alabama and, thus, has been an MS4 permittee or co-permittee since 1996. Prior to 1 April 2013, ALDOT MS4 activities were covered by five (5) separate, individual "Phase I" MS4 permits for the major urban areas in the state and one (1) general "Phase II" MS4 permit for other urban areas. Since 1 April 2013, all ALDOT MS4 activities have been covered under a single individual permit written specifically for ALDOT. Under the individual permit, ALDOT is required and will continue to make significant additions and changes to its stormwater management program in order to meet MS4 permit requirements.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT developed a revised Stormwater Management Program Plan (SWMPP) during FY 2020 to meet the requirements of a reissued MS4 permit; implementation of the revised SWMPP will continue throughout FY 2023. Implementation of the SWMPP entails extensive coordination among MS4-participating ALDOT offices, distribution of public education materials, addressing of citizen stormwater management concerns, mapping of storm sewer system components, provision of guidance regarding the design of stormwater management practices, analysis of monitoring data, and other activities. ADEM conducted an audit of the ALDOT MS4 program during FY 2021, and the outcomes of the audit may warrant SWMPP modifications and additional stormwater management activities to be carried out in FY 2023. To meet FY 2023 needs, additional staff members may be hired or appointed, and consultant services may be enlisted to supplement ALDOT's technical capabilities.

ACCOMPLISHMENTS DURING FY 2023:



FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$240,000	SPR	\$60,000	STATE	\$300,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Scott W. Rogers, P.E. Environmental Coordination Engineer: 334-353-6214

**FY-2023
DESIGN
SUPPORT AND SOFTWARE FOR 3-D HIGHWAY DESIGN
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

Increasing advances in technology have provided ALDOT with the ability to obtain better information for more advanced and intricate designs. In order to take advantage of the available information ALDOT will acquire and maintain software, standards, resources, and procedures that allow for more advanced 3-D design of highway projects.

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT will continue to develop resources and standards for open roads designer 3D modeling software. Updated training will also be provided as additional resources become available.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$435,868	SPR	\$108,967	STATE	\$544,835
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Wade Henry, P.E. Assistant State Design Engineer: 334-242-6464

**FY-2023
DESIGN
DEVELOP AN ENHANCED DOCUMENT MANAGEMENT SYSTEM
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

ALDOT has a wide variety of documents and files. This effort will develop a system that can file and archive documents and files so that they are readily available and accessible based on project association, location, or other attributes. The system will also look for opportunities to coordinate with CPMS, eGIS and other ALDOT systems, as well as, opportunities to establish work flows for more efficient project execution.

PROPOSED ACTIVITIES FOR FY 2023:

Coordinate within ALDOT to further assess the needs of the Department and continue to explore both commercially available alternatives as well as an ALDOT developed solution.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$80,000	SPR	\$20,000	STATE	\$100,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

David Welch, P.E. Special Projects Engineer: 334-242-6842

**FY-2023
DESIGN
DEVELOP A PROGRAMMATIC AGREEMENT AND HISTORIC BRIDGE INVENTORY
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

Alabama has numerous historical bridges that are in need or will be in need of rehabilitation or replacement in the future. Any work impacting these bridges requires prior SHPO consultation and possibly mitigation. This effort will update and modernize the historic bridge inventory and spell out the courses of action for various impacts in a programmatic agreement with SHPO. This will allow better planning and streamlining within the ALDOT's Bridge Replacement Program.

PROPOSED ACTIVITIES FOR FY 2023:

Complete of the GIS integration of historic bridge inventory. Once complete, develop tools and work flows to better communicate the presence of historic bridges within ALDOT.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$80,000	SPR	\$20,000	STATE	\$100,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Natasha Clay, Environmental Coordinator: 334-242-6315

**FY-2023
DESIGN**

DEVELOP GUIDELINES FOR NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DOCUMENTS

SPR-0001 (066)

1000XXXXX

PURPOSE AND SCOPE:

Proper environmental evaluation and documentation through the NEPA process is critical in order for ALDOT to secure funding for federal aid programs and projects. This project will develop a prepare a manual for the state’s National Environmental Policy Act (NEPA) review process. The NEPA manual will detail the procedures to efficiently navigate the NEPA maze using a newly developed website. The online manual with feature templates and toolboxes for use by staff and consultants for successfully obtain federal approvals for environmental documents.

PROPOSED ACTIVITIES FOR FY 2023:

Identify the needs and responsibilities of ALDOT and local agencies to assess environmental impacts for federally funded projects. Develop guidance documents with work flows and instructions on coordinating with ALDOT and other state and federal agencies to obtain NEPA approval from FHWA.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$80,000	SPR	\$20,000	STATE	\$100,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Natasha Clay, Environmental Coordinator: 334-242-6315

**FY-2023
DESIGN
DEVELOP GUIDELINES FOR STATE ENVIRONMENTAL DOCUMENTS (SED)
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

ALDOT's pursuit of non-federally involved projects has increased in both size and scale due to the arrival of Rebuild Alabama funds. One benefit of FHWA involvement is proper environmental evaluation and documentation through the NEPA process. This project will develop a similar effort for state projects that will not only provide well thought out designs that consider the project's surroundings beyond the ROW, but also provide legal defensibility and assurance of future federal participation in the corridor.

PROPOSED ACTIVITIES FOR FY 2023:

Development of SED templates for state funded projects. Completion of the SED guidance manual that includes coordination steps and work flows for US Army Corps in order to obtain permits for state funded projects.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$80,000	SPR	\$20,000	STATE	\$100,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Natasha Clay, Environmental Coordinator: 334-242-6315

FY-2023
OFFICE ENGINEER
PROJECT DATABASE MAINTENANCE / REPORTING AND MAPPING
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

To maintain the computerized project management database systems Comprehensive Project Management System (CPMS) and the Geographic Information System (GIS) mapping extension CPMS for managing transportation projects. This also includes, preparation of project location maps, graphic illustrations, charts, urban area boundaries, funding, and congressional boundaries pertaining to Alabama’s Highway Construction Program.

PROPOSED ACTIVITIES FOR FY 2023:

Continue the routine maintenance of the CPMS system; monitor and report project data as needed. Develop and implement new reports, user windows and other needed improvements to the CPMS system as identified by system users. Prepare and update reports and maps that portray project scheduling locations

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$320,000	SPR	\$80,000	STATE	\$400,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Jimmy Carroll, Project Management Systems Administrator: 334-242-6423

FY-2023
OFFICE ENGINEER
FEDERAL-AID PROGRAMMING
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

To maintain Federal-aid funding balances in CPMS and an Access database in order to produce various reports and spreadsheets such as Statewide Transportation Improvement Program (STIP) and Five Year Plan. To create and maintain the SPR work program and manage the spending of pooled funds from other states.

PROPOSED ACTIVITIES FOR FY 2023:

Continue to maintain and monitor federal-aid funding and federal project transactions. Calculate and distribute annual apportionment amounts to MPOs that have population below 199k. Produce reports and spreadsheets as requested by administration and for local planning organizations.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$240,000	SPR	\$60,000	STATE	\$300,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0

Contact Information

Jimmy Carroll, Project Management Systems Administrator: 334-242-6423

FY-2023
OFFICE ENGINEER
STATEWIDE FREIGHT PLAN
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The Statewide Freight Plan establishes freight planning activities in compliance with federal law. This plan influences freight planning at a statewide level and provides information on commodity flow and network characteristics. It also models both existing and future growth patterns along the designated freight network, including the location of intermodal connectors as well as critical rural and urban corridors. The plan also details truck parking and truck bottleneck issues in Alabama. With the utilization of freight data and Freight Advisory Committee (FAC) input, this plan serves as a guide for freight planning.

PROPOSED ACTIVITIES FOR FY 2023:

The Office Engineer, Planning Studies Section, will continue to provide technical assistance on freight planning and will monitor activities in this area as related to performance measures and targets. Staff and consultant services will continue to update the Freight Plan to comply with regulations including the additional seven (7) IIJA requirements. Staff will continue meeting with other bureaus and engage with the Freight Advisory Committee (FAC) for their input during this process.

ACCOMPLISHMENTS DURING FY 2023:

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FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$320,000	SPR	\$80,000	STATE	\$400,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061
Toni Arrington, Senior Transportation Planner: 334-242-6085

FY-2023
OFFICE ENGINEER
STATEWIDE BICYCLE AND PEDESTRIAN PLAN & ACTIVITIES
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The purpose of the Statewide Bicycle and Pedestrian Plan is to promote bicycle and pedestrian planning that establishes a vision for bicycling and walking as modes of transportation. This plan helps to guide investments in bicycle and pedestrian facilities that maximize limited available funding. The scope of the planning process is to advance effective public involvement strategies, engage stakeholders, collect and analyze data, and produce a sustainable program to serve bicyclists and pedestrians throughout Alabama.

PROPOSED ACTIVITIES FOR FY 2023:

The Bicycle and Pedestrian Coordinator will assist ALDOT personnel, other state agencies, MPOs, local agencies, and the private sector to encourage alternative transportation opportunities through bicycle and pedestrian activities. Including outreach to other State agencies. Staff will work on possible grant activities for the National Scenic Byways program. Staff will continue to participate in bimonthly State Ped-Bike Coordinators meetings, along with National Scenic Byways meetings. FHWA guidance will serve as a resource for common national attributes of bike routes. Staff will develop the scope of work for the Bicycle and Pedestrian Plan update. Consulting fee expenditures may occur.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$64,000	SPR	\$16,000	STATE	\$80,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061
Sundae Ragland, Bicycle and Pedestrian Coordinator: 334-242-6086

**FY-2023
OFFICE ENGINEER**

DEVELOPMENT OF A PERFORMANCE MEASUREMENT PROGRAM FOR SYSTEM PERFORMANCE (PM3)

SPR-0001 (066)

1000XXXXX

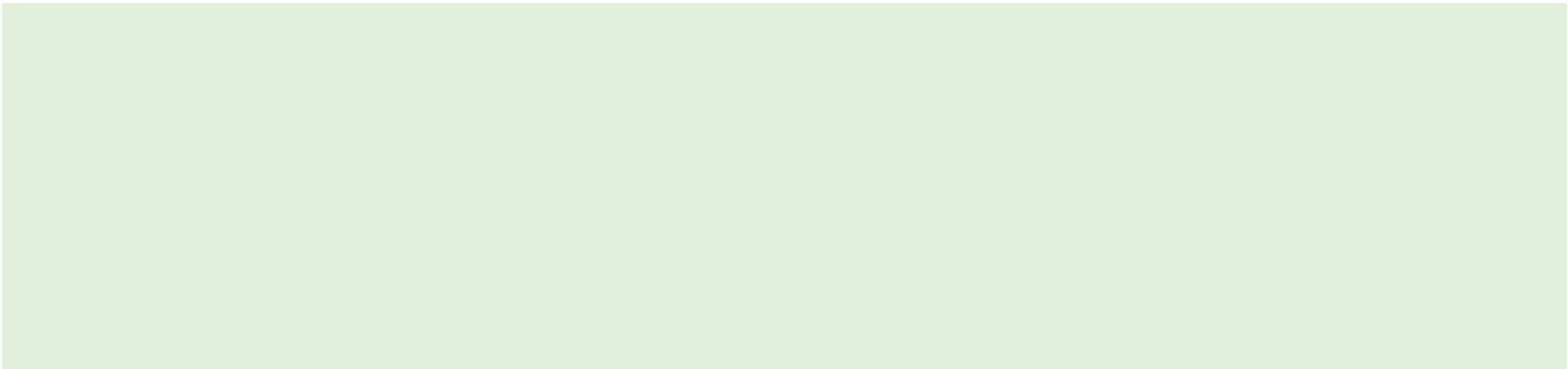
PURPOSE AND SCOPE:

The purpose of this program is to establish and maintain a performance measurement program in coordination with MAP-21 and FAST Act legislative requirements. The performance measures are associated with national goals. The national performance goals for the Federal Highway Programs are established in MAP-21, and are as follows: Safety, Infrastructure Condition, Congestion Reduction on the National Highway System; System Reliability, Freight Movement, Economic Vitality; Environmental Sustainability and Reduced Project Delivery Delays. This project is related to the System Performance Measures (PM3), for percentage of reliable person-miles traveled on the Interstate and on the non-Interstate NHS, truck travel time reliability on the Interstate system, along with the applicable Congestion Management Air Quality Measures (CMAQ).

PROPOSED ACTIVITIES FOR FY 2023:

ALDOT will submit the final report for the end of the 1st Performance Period (2018-2021) and the 2nd Performance Period (2022-2025) on October 1, 2022. Planning Studies Staff along with consulting services will continue to monitor System Performance Reliability (PM3) Targets ALDOT by with meeting quarterly to track targets and update the dashboard. Also, Consultant will download the most recent National Performance Measure Research Data Set data (travel time data) to build off the submitted work for the annual submittal to HPMS. Staff will continue to attend meetings and webinars pertaining to Performance Management. Technical assistance will be provided to other Bureaus and MPOs as needed. Consulting fee expenditures are anticipated.

ACCOMPLISHMENTS DURING FY 2023:



FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$144,000	SPR	\$36,000	STATE	\$180,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061

Toni Arrington, Senior Transportation Planner: 334-242-6085

FY-2023
OFFICE ENGINEER
STATEWIDE TRAVEL DEMAND MODEL AND DATA COLLECTION
SPR-0001 (066)
1000XXXXXX

PURPOSE AND SCOPE:

This project will develop a statewide travel demand model for the anticipated update of various transportation planning documents including the Statewide Freight Plan and Statewide Transportation Long Range Plan. The development of both base year and future traffic models are anticipated.

PROPOSED ACTIVITIES FOR FY 2023:

Staff hired a consultant to assist with the development of the ALDOT Statewide Model Development to support the update of the Statewide Freight Plan and the future update of the Statewide Transportation Plan. Major tasks include defining the zone structure of the Statewide Model, identify roadway infrastructure needs, collecting detailed roadway data, assigning traffic to the model and to provide documentation on the Statewide Model.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$120,000	SPR	\$30,000	STATE	\$150,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061

FY-2023
OFFICE ENGINEER
STATEWIDE TRANSPORTATION PLAN UPDATE & ACTIVITIES
SPR-0001 (066)
1000XXXXX

PURPOSE AND SCOPE:

The Alabama Statewide Transportation Plan (SWTP) provides a high-level description of the existing and projected travel and maintenance conditions of Alabama’s Transportation Infrastructure. It also outlines current and projected funding levels and provide an overall policy guidance for transportation. The current plan covers a period of 20 years, ending in 2040. The project supports activities related to this document, including updates to the document, travel demand projects, related studies, etc.

PROPOSED ACTIVITIES FOR FY 2023:

Staff will draft the scope of work of the update to this plan. Consultant Services may occur.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$160,000	SPR	\$40,000	STATE	\$200,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061
Toni Arrington, Senior Transportation Planner, 334-242-6085

**FY-2023
OFFICE ENGINEER
STIP/SPR PLANNING SUPPORT
SPR-0001 (066)
1000XXXXX**

PURPOSE AND SCOPE:

The purpose of the project is to provide staff support for the maintaining of the Statewide Transportation Improvement Program (STIP) and the Statewide Planning and Research (SPR) Program. This also includes activities related to the update of these statewide documents and programming, including public involvement activities.

PROPOSED ACTIVITIES FOR FY 2023:

Staff will update the SPR Work Program annually and as needed for revision. Staff will prepare the highway and transit STIP amendments to the current STIP. Efforts to create a new STIP 2024 to 2027 will begin within this fiscal year. Public Involvement activities will occur.

ACCOMPLISHMENTS DURING FY 2023:

FINANCIALS	AMOUNT	FUND	AMOUNT	FUND	TOTAL
Projected Cost FY 2023	\$100,000	SPR	\$25,000	STATE	\$125,000
Actual Cost FY 2023	\$0	SPR	\$0	STATE	\$0
<i>Performance Percentage of Budget</i>					0.00%

Contact Information

Sonya Baker, Assistant Bureau Chief, Planning Studies: 334-242-6061
Toni Arrington, Senior Transportation Planner, 334-242-6085

APPENDICES

ABBREVIATIONS AND ACRONYMS

AADT – Average Annual Daily Traffic

ALDOT- Alabama Department of Transportation

ALTRANS – Alternative Transportation Solutions

ATR – Automatic Traffic Recorder

CCS – Continuous Count Stations

CPMS – Comprehensive Project Management System

ESC – Erosion and Sediment Control

EGIS – Enterprise Geographic Information System

ESRI – Environmental System Research Institute (software provider)

FHWA – Federal Highway Administration

FRA – Federal Railroad Administration

FTA – Federal Transit Administration

GIS – Geographic Information System

GPS – Global Positioning System

HES – Hazard Elimination System

HFC – Highway Functional Classification

HPMS – Highway Performance Monitoring System

IRD – International Road Dynamics

LIDAR – Light Detection and Ranging

LRS – Linear Referencing System

LTPP – Long Term Pavement Performance

MPO – Metropolitan Planning Organization

MS4 – system designed to collect or convey stormwater

NHS – National Highway System

NOAA – National Oceanic and Atmospheric Administration

PMS – Pavement Management System

ABBREVIATIONS AND ACRONYMS (CONT.)

QA/QC – Quality Assurance/Quality Control

R & H – Roads and Highways

ROW – Right of Way

RPO – Rural Planning Organization

RTMC – Regional Transportation Management Center

SAP – State Action Plan

SPR – State Planning and Research

STIP – Statewide Transportation Improvement Plan

STRAHNET – Strategic Highway Network

TAM – Transit Asset Management

TAMP - Transportation Asset Management Plan

TDRS – Traffic Data Retrieval System

TIP – Transportation Improvement Program

TMAS – Traffic Monitoring Analysis System

TMS – Traffic Monitoring System

UAS – Unmanned Aircraft System

UPWP – Unified Planning Work Program

WIM – Weight in Motion