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Fiscal Year 2022 Unified Planning Work Program

Northwest Louisiana

METROPOLITAN PLANNING AREA

Bossier, Caddo, DeSoto, & Webster Parishes

Prepared by:
Northwest Louisiana Council of Governments, Inc.
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Fiscal Year 2022

Unified Planning Work Program

Prepared by the Northwest Louisiana Council of Governments for the Metropolitan Planning Area of Bossier, Caddo, DeSoto, and Webster Parishes in cooperation with:



**Federal Highway
Administration**



**Federal Transit
Administration**

Northwest Louisiana Council of Governments
Metropolitan Planning Organization, Transportation Policy Committee
Introduction for Public Comment: April 9th, 2021
Adoption: May 20th, 2021
Revision 01: July 23rd, 2021

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Shawn Wilson, Secretary
Louisiana Department of Transportation and Development
1201 Capitol Access Road, Room 302-O
Baton Rouge, Louisiana 70804-9245

Dear Secretary Wilson:

Enclosed please find a copy of the Fiscal Year 2022 Unified Planning Work Program for the Northwest Louisiana Metropolitan Planning Organization. The Unified Planning Work Program documents the federally funded planning activities being undertaken by the NLCOG to maintain and improve the overall efficiency of the region's transportation network including highway, transit, and non-traditional modes. The activities described in this document reflect one year of a multi-year program to develop and implement the strategies and achieve the objectives of a new Metropolitan Transportation Plan (MTP) for the recently revised planning area of Bossier, Caddo, DeSoto, and Webster Parishes.

Metropolitan transportation planning is the process of examining travel and transportation issues and needs in metropolitan areas. It includes a demographic analysis of the community in question, as well as an examination of travel patterns and trends. The planning process includes an analysis of alternatives to meet projected future demands, and for providing a safe and efficient transportation system that meets mobility while not creating adverse impacts to the environment.

The Fixing America's Surface Transportation Act (FAST Act) of 2015 placed increased emphasis on promoting cooperation across MPO boundaries, accelerating project delivery, increasing safety, and creating ladders of opportunity for connecting workers with job opportunities. The FAST Act also emphasized accountability in transportation investments in the form of performance measurement and target setting at the state and regional level. Above all, the planning process described in the UPWP is guided by a cooperative effort involving outreach to local governments, key stakeholders, our state and federal partners, and the public as a whole.

The major planning priorities for the region are reflected in the Tasks described within the UPWP. A Major emphasis is being placed on the implementation of the newly adopted NLCOG 2045 Metropolitan Transportation Plan for the region. The MTP was updated and refined to include the parishes of Caddo, Bossier, DeSoto, and Webster. The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety.

While fatality rates on the roadways are trending lower than in previous years any serious injury or fatality is unacceptable. Louisiana's Strategic Highway Safety Plan (SHSP) vision is Destination Zero Deaths and the goal is to reduce the number of fatalities by half by the year 2030. In order to regionally implement and sustain the SHSP, the Northwest Louisiana Transportation Safety Coalition is bridging gaps between DOTD district personnel, local governments, local law enforcement, the community, local civic organizations, emergency services/hospitals, school boards, and other safety partners within the region.

The safety collation looks for best practices in safety planning to be incorporated into all efforts. One major task is the development of parish wide Local Road Safety Plans to help identify and prioritize safety improvements on the local level.

Economic development priorities include ensuring functionality of the region's major roadway network and improving job and job training access via all modes. Highway projects under consideration for development that will have a major impact on economic development are the I-49 Inner City Connector and the I-69 Frontage Road Port Access Project from LA 1 at the Port of Caddo Bossier to LA 3276 at I-49. However, not all citizens have access to vehicles of their own or wish to use those vehicles for all travel. The overall goal of Task B-3 is to identify gaps in the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. The objective is to assist transit providers in creating a regionally seamless transit system that connects potential workers to job opportunities that enhance overall accessibility and mobility for all residents.

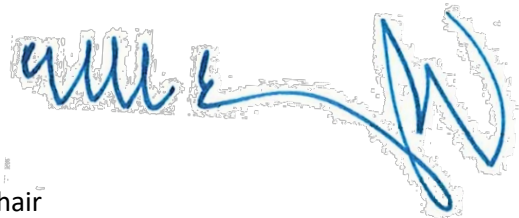
Underlying all planning efforts is a dedicated commitment to equity. Seeking meaningful public involvement is important for sharing the concerns of the community. NLCOG is committed to actively involving the public in identifying and addressing quality of life issues. NLCOG will strive to proactively inform and involve the public and improve public involvement through creative and interactive approaches.

Should the Department have any questions or concerns regarding this UPWP or require additional information, please do not hesitate to contact Mr. J. Kent Rogers, Executive Director of NLCOG at (318) 673-5950.

Sincerely,



Chair
Northwest Louisiana Council of Governments
Board of Directors



Chair
Metropolitan Planning Organization
Transportation Policy Committee

TABLE OF CONTENTS

Letter of Introduction with Planning Priorities.....	5
Resolutions and Certifications	9
NLCOG Organization	13
Map of MPO Area	15
Planning Prospectus / Work Program Summary	17
Planning Factors.....	23
UPWP Objectives	24
Task A Transportation Project Funding, Financing & Development.....	25
Task B-1 Metropolitan Planning Programs	29
Task B-2 Project Development Stage 0 and Stage 1	33
Task B-3 Transit Planning and Coordination.....	35
Task B-4 Livable and Sustainable Communities.....	39
Task B-5 Freight and Intermodal Planning.....	43
Task C Geographic Information Systems Data Development and Maintenance	45
Task E Public Involvement & Outreach.....	51
Task F Management and Administration.....	55
Task G-1 Northwest Louisiana Regional Safety Coalition	59
Task G-2 Local Road Safety Planning	63
Task J I-49 Inner City Connector Stage 1.....	67
Task W LWI Region 1 Regional Capacity Building	71
Budget of Income and Expenses	73
Public Notice	77
Appendix A - Meeting Schedules, Members & Officers for Fiscal Year 2021.....	79
Appendix B – UPWP Comments	81
Appendix C – FHWA Conditional Approval Letter and MPO Response	83

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RESOLUTION ADOPTED BY THE
NORTHWEST LOUISIANA COUNCIL OF GOVERNMENTS
Metropolitan Planning Organization Transportation Policy Committee

At a meeting of the Northwest Louisiana Council of Governments (NLCOG) Metropolitan Planning Organization Transportation Policy Committee held on May 20th, 2021 pursuant to due notice, a quorum being present, the following resolution was duly adopted:

WHEREAS, The NLCOG has determined that the requirements of the Urban Transportation Planning process are being carried out utilizing the “3-C Planning Process” (continuous, comprehensive and coordinated); and

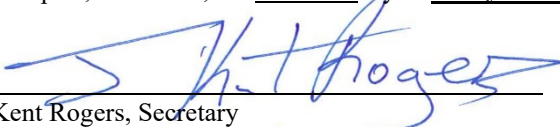
WHEREAS, The NLCOG has determined that the *UNIFIED PLANNING WORK PROGRAM for the CADDO BOSSIER METROPOLITAN PLANNING AREA, FISCAL YEAR 2022* was developed in accordance with the requirements of the Fixing America's Surface Transportation Act or "FAST Act"

BE IT RESOLVED, That the Northwest Louisiana Council of Governments Metropolitan Planning Organization Transportation Policy Committee does hereby approve and adopt the *UNIFIED PLANNING WORK PROGRAM for the NORTHWEST LOUISIANA METROPOLITAN PLANNING AREA, FISCAL YEAR 2022* and directs the staff of the Northwest Louisiana Council of Governments to submit said program to the appropriate federal state and local agencies and to comply with any minor revisions necessary to facilitate submission and adoption requirements including all resolutions, certifications and assurances.

CERTIFICATION

I, J. Kent Rogers, Secretary to the Council of Governments, do hereby certify that the above and foregoing is a true and correct copy of the resolution adopted at a regular meeting of said Committee on May 20th, 2021.

Shreveport, Louisiana, this 20th day of May 2021



J. Kent Rogers, Secretary
Northwest Louisiana Council of Governments

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RESOLUTION ADOPTED BY THE
NORTHWEST LOUISIANA COUNCIL OF GOVERNMENTS
Metropolitan Planning Organization Transportation Policy Committee

At a meeting of the Northwest Louisiana Council of Governments (NLCOG) Metropolitan Planning Organization Transportation Policy Committee held on May 20th, 2021 pursuant to due notice, a quorum being present, the following resolution was duly adopted:

BE IT RESOLVED that J. Kent Rogers, Executive Director of the Northwest Louisiana Council of Governments be authorized to execute all contracts and agreements pursuant to completion of those programs and projects for completion of the Fiscal Year 2022 Unified Planning Work Program and Budget as adopted.

CERTIFICATION

I, J. Kent Rogers, Secretary to the Council of Governments, do hereby certify that the above and foregoing is a true and correct copy of the resolution adopted at a regular meeting of said Committee on May 20th, 2021.
Shreveport, Louisiana, this 20th day of May 2021



J. Kent Rogers, Secretary
Northwest Louisiana Council of Governments

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NLCOG ORGANIZATION

Northwest Louisiana Council of Governments, Inc

The Northwest Louisiana Council of Governments, Inc. (NLCOG) shall have the purpose and duty to make studies, maps, plans, recommendations, and reports concerning the physical, environmental, social, economic and governmental characteristics and other aspects which affect the development and welfare of the area.

Board of Directors

The Board of Directors shall have general oversight of the operations of the Council of Governments and is authorized to make executive decisions concerning the day to day operations of the Council of Governments and serves as an advisory committee to the Executive Director.



Metropolitan Planning Organization – Transportation Policy Committee

The Metropolitan Planning Organization Transportation Policy Committee serves as the Metropolitan Planning Organization (MPO) for the Shreveport Bossier City Transportation Management Area (TMA). The MPO Transportation Policy Committee shall act as the decision-making body for all Metropolitan Planning Organization matters.

Technical Coordinating Committee

The Technical Coordinating Committee shall serve as an advisory committee of NLCOG and the MPO for all technical matters under consideration by the staff or as directed by the Board of Directors or its committees. The Technical Coordinating Committee shall serve as a steering committee for all transportation planning studies.

Northwest Louisiana Transportation Safety Coalition

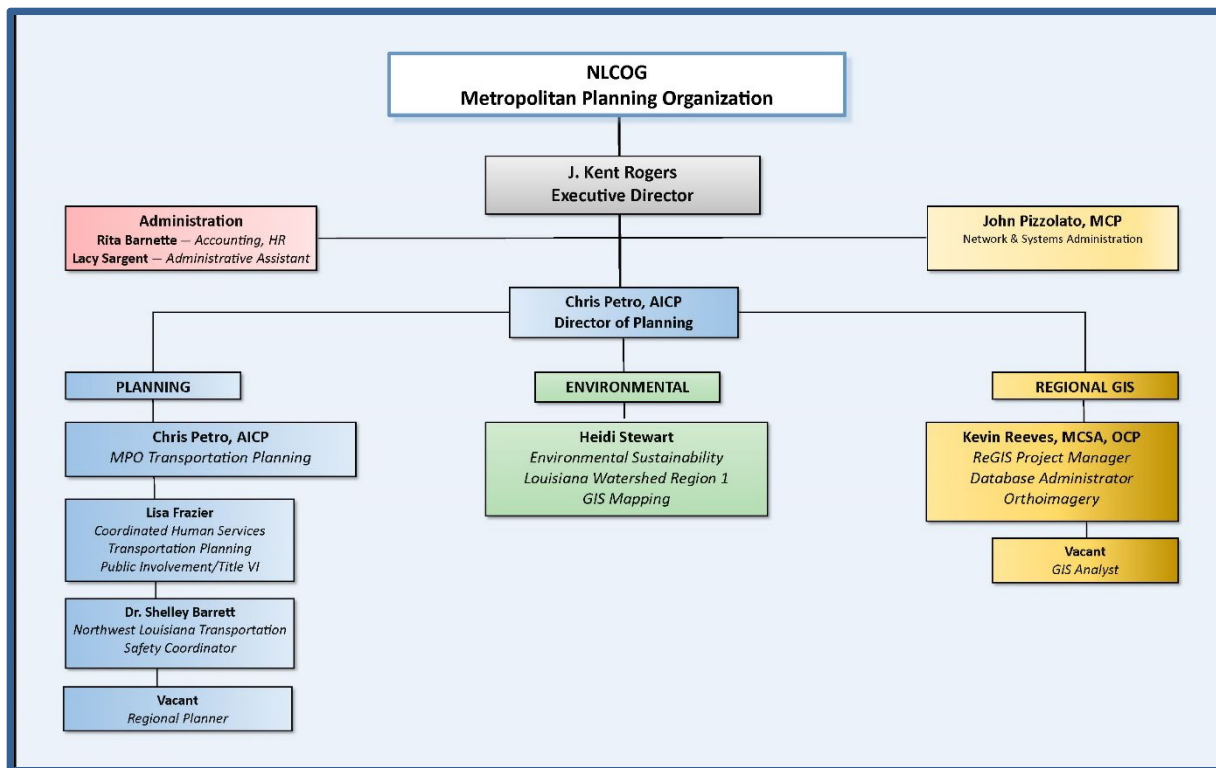
The NWLATSC is a multidisciplinary team formed to implement the Louisiana Strategic Highway Safety Plan (SHSP) at the regional level. The coalition works to collaborate efforts between local governments, law enforcement, public health organizations, education leaders, civic organizations, LADOTD, and other safety stakeholders on matters concerning transportation safety. There are over 230 partners and stakeholders representing close to 110 statewide and local agencies, municipalities, community groups, and safety-invested stakeholders.

Coordinated Human Services Transportation Planning Committee

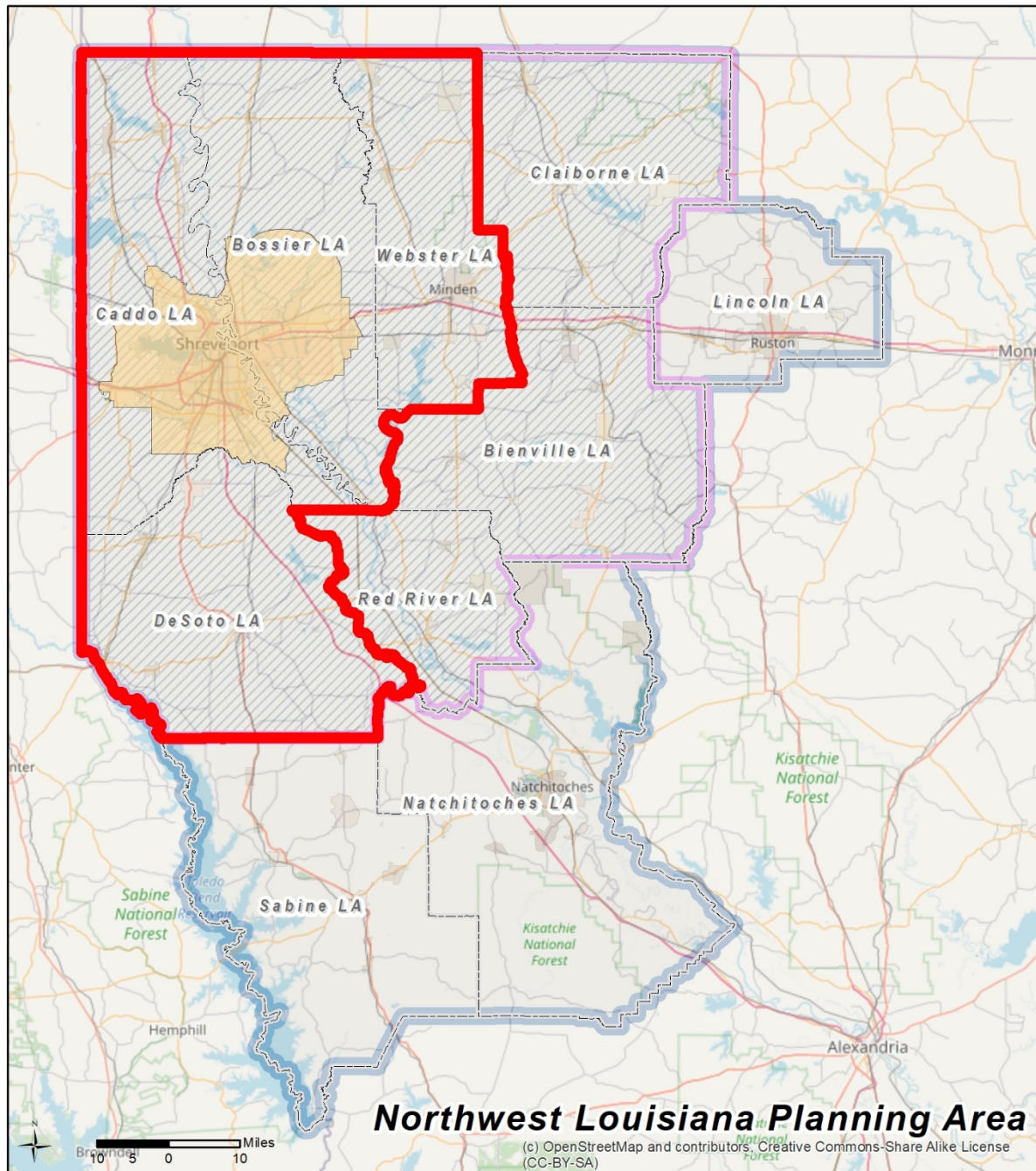
Coordinated Human Services Transportation Planning Committee (CHSTP) members include specialized and public transportation operators in Bienville, Bossier, Caddo, Claiborne, DeSoto, Lincoln, Natchitoches, Red River, Sabine, and Webster Parishes; and representatives of human service agencies specializing in employment, healthcare, and homeless advocacy.

NLCOG Staffing

J. Kent Rogers	Executive Director
Chris Petro	Director of Planning
Rita Barnette	Accountant
Dr. Shelly Barrett	Regional Safety Coordinator
Lisa Frazier	Public Relations Coordinator/Title VI Officer/CHSTP
John Pizzolato	Network & Systems Administrator
Kevin Reeves	GIS Project Manager
Lacy Sargent	Administrative Assistant
Heidi Stewart	Environmental Sustainability Planner/GIS Analyst
Vacant	Regional Planner
Vacant	GIS Analyst



Northwest Louisiana Planning Area



- | | | | |
|---|--|---|--|
|  | MPO Planning Area &
2013 Metropolitan Statistical Area
<i>Caddo, Bossier, DeSoto, Webster</i> |  | 2010: 20-Year Growth Urbanized Area Boundary
<i>Shreveport, Greenwood, Blanchard, Bossier City, Benton, Houghton</i> |
|  | Humans Services Transportation Plan Area &
Louisiana Planning District 7
<i>Caddo, Bossier, Webster, Claiborne, Lincoln
DeSoto, Red River, Bienville, Sabine, Natchitoches</i> |  | LaDOTD District 04, La State Police Troup G &
Northwest Louisiana Regional Transportation Safety Coalition
<i>Caddo, Bossier, Webster, Claiborne, DeSoto, Red River, Bienville</i> |

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PLANNING PROSPECTUS / WORK PROGRAM SUMMARY


The Unified Planning Work Program documents the federally funded planning activities being undertaken by the NLCOG to maintain and improve the overall efficiency of the region's transportation network including highway, transit, and non-traditional modes. The Fixing America's Surface Transportation Act (FAST-Act) introduces national goals in seven areas: Safety, Infrastructure Condition, Congestion Reduction, System Reliability, Freight Movement and Economic Vitality, Environmental Sustainability, and Reduced Project Deliver Delays. From previous transportation legislation, the FAST-Act modifies and consolidates many previously established highway, transit, bicycle, and pedestrian programs and policies. Therefore, the FAST-Act fundamentally changes metropolitan and statewide transportation planning, establishing a performance-based planning framework that did not previously exist as an explicit requirement. This change requires state departments of transportation (DOTs) and MPOs to align transportation investments with national goals and performance targets. To achieve these goals, The United States Department of Transportation, in consultation with states, MPOs, transit agencies, and other stakeholders, has developed a series of performance measures for the following:

- Bridge and pavement performance and condition
- Roadway safety for motorized and non-motorized travelers
- Traffic congestion and air quality
- Freight movement
- Transit safety and transit asset management

The NLCOG in coordination with the Louisiana Department of Transportation and Development and our regional partners recently establish targets for these measures and will incorporate them into the all planning efforts and documents. A major portion of this effort will be through an update to the Metropolitan Transportation Plan which will include the parishes of Bossier, Caddo, DeSoto, and Webster. The FY 2022 UPWP expands upon the tasks of previous UPWP's to move forward this performance-based planning process and creating a regional Metropolitan Transportation Plan for the newly revised planning area of Bossier, Caddo, DeSoto, and Webster.

The major planning priorities for the region are reflected in the Tasks described within the UPWP. A Major emphasis is being placed on the implementation of the newly adopted NLCOG 2045 Metropolitan Transportation Plan for the region. The MTP was updated and refined to include the parishes of Caddo, Bossier, DeSoto, and Webster. The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety.

While fatality rates on the roadways are trending lower than in previous years any serious injury or fatality is unacceptable. Louisiana's Strategic Highway Safety Plan (SHSP) vision is Destination Zero Deaths and the goal is to reduce the number of fatalities by half by the year 2030. In order to regionally implement and sustain the SHSP, the Northwest Louisiana Transportation Safety Coalition is bridging gaps between DOTD district personnel, local governments, local law enforcement, the community, local civic organizations, emergency services/hospitals, school boards, and other safety partners within the region. The safety collation looks for best practices in safety planning to be incorporated into all efforts. One major task is the development of parish wide Local Road Safety Plans to help identify and prioritize safety improvements on the local level.



Economic development priorities include ensuring functionality of the region's major roadway network and improving job and job training access via all modes. Highway projects under consideration for development that will have a major impact on economic development are the I-49 Inner City Connector and the I-69 Frontage Road Port Access Project from LA 1 at the Port of Caddo Bossier to LA 3276 at I-49. However, not all citizens have access to vehicles of their own or wish to use those vehicles for all travel. The overall goal of Task B-3 is to identify gaps in the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. The objective is to assist transit providers in creating a regionally seamless transit system that connects potential workers to job opportunities that enhance overall accessibility and mobility for all residents.

Underlying all planning efforts is a dedicated commitment to equity. Seeking meaningful public involvement is important for sharing the concerns of the community. NLCOG is committed to actively involving the public in identifying and addressing quality of life issues. NLCOG will strive to proactively inform and involve the public and improve public involvement through creative and interactive approaches.

Task A Transportation Project Funding, Financing & Development

Task A represents an effort to ensure adequate funding for the development and implementation of regional transportation projects and to assist in locating funding and financing mechanisms that may be appropriate for the development of projects within Northwest Louisiana. Efforts under this task will consist of the development and monitoring of the Transportation Improvement Program (TIP), the Annual Listing of Obligated Projects, and our Northwest Louisiana MEGA Projects Status Report. NLCOG will continue to work with our federal, state, and local delegations in order to identify and obtain funding for projects within the region.

Task B-1 Metropolitan Planning Programs

A properly developed regional comprehensive plan, implemented and sustained, will deliver a metropolitan area that is and can be developed in an orderly manner and is consistent with the public values and goals. The major emphasis of Task B-1 will be to begin implementation of the recently adopted NLCOG 2045 Metropolitan Transportation Plan which includes the newly revised Metropolitan Planning Area of Bossier, Caddo, DeSoto, and Webster Parishes. The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety. Other activities will include review of the Congestion Management Planning process thru use of StreetLight big data, our newly revised Travel Demand Modeling, and other data sources.

Task B-2 Project Development Stage 0 and Stage 1

The Louisiana Department of Transportation and Development has developed a new and streamlined project development and delivery process. The process starts by performing a feasibility study for a proposed project and ends by putting a completed project into service. Stage 0 and Stage 1 of this process involves the feasibility and environmental analysis of the project. The purpose of Task B-2 is to assist and/or develop Stage 0 Feasibility Studies and Stage 1 Planning and Environmental Studies for projects identified in the NLCOG 2045 Metropolitan Transportation Plan. Specific focus will be given to those projects identified through the Technical Committee's project evaluation process and those projects identified in the Vision Roadway Projects (Unfunded Needs) section of the MTP.

Task B-3 Transit Planning and Coordination

Not all citizens have access to vehicles of their own or wish to use those vehicles for all travel. This is evident in the statistics that in 2015, passengers across the country took 10.59 billion trips on public transportation systems in the United States, and that since 1995, public transit ridership has grown at a faster rate than either population or highway usage. The overall goal of Task B-3 is to identify gaps in the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. The objective is to assist transit providers in creating a regionally seamless transit system that connects potential workers to job opportunities that enhance overall accessibility and mobility for all residents. NLCOG, will continue to work in conjunction with SporTran to implement and evaluate the recommendations of the Northwest Louisiana Public Transportation Study to ensure that the region's existing transit system, including vehicles, transit stops facilities, and other transit related infrastructure is maintained in a state of good repair. NLCOG, through the Coordinated Human Services Transportation Planning (CHSTP) efforts, will continue seek to improve coordination of human services transportation in the region.

Task B-4 Livability and Sustainable Communities


A key provision of the "Ladders of Opportunity" is in assessing the safety and condition of pedestrian and bicycle facilities and evaluating compliance with Americans with Disabilities Act, particularly around schools, concentrations of disadvantaged populations, social services, medical, and transit facilities. This task will examine ways to promote and safely implement pedestrian and bicycle facilities, to increase mode share and accessibility for non-motorized travel, and to better integrate these modes into the fabric and land-use of the community. Such efforts will contribute toward the creation of sustainable, place based communities in which our residents can live and work. As part of a continuing effort to advance a vision of place based and people based communities, special attention will be given to examining existing and future local land use patterns in the region and the relationship between these land uses and sustainable transportation improvements.

Task B-5 Freight and Intermodal Planning

The FAST-Act strengthens the established policy to improve the condition and performance of the national freight network and achieve goals related to economic competitiveness and efficiency; congestion; productivity; safety, security, and resilience of freight movement; infrastructure condition; use of advanced technology; performance, innovation, competition, and accountability, while reducing environmental impacts. In addition, 23 U.S.C. 134 and 23 CFR 450.306 specifically identify the need to address freight movement as part of the metropolitan transportation planning process. Through task B-5, NLCOG will address the transport and access needs of freight motor and rail carriers, as well as facility issues related to intermodal terminals, airports and port facilities in the region. The program will involve working with the LADOTD and relevant stakeholders on implementing policies, programs and data resources made available through the Statewide Intermodal Transportation Plan and development of relevant performance measurements for Freight Movement. In FY 2021 NLCOG initiated a freight movement study along Interstates 20, 220, and 49 and along LA 3132. NLCOG will expand upon this initial study to look at the freight movements along the arterial systems in the region.

Task C Geographic Information Systems Data Development and Maintenance

NLCOG and its member agencies entered into agreements for the development and maintenance of a Regional Geographic Information System. This system is housed by NLCOG and administered by its staff. This task is for the ongoing maintenance of this system and to promote regional compatibility in geographic information systems processes, procedures, and products among the NLCOG member



agencies, state and federal sponsors, and local jurisdictions in northwest Louisiana. The ReGIS system incorporates best available data to support local parish and municipal transportation and land use planning, 911 emergency services, economic development and environmental planning efforts in northwest Louisiana. Since the mid 1990's, NLCOG has facilitated the development of Geographic Information Systems and associated spatial data for our region. NLCOG has also facilitated the purchase of spatial data for Northwest Louisiana as a cost-sharing objective for local governments and other interested entities. Data acquisitions in the past have included high-resolution, color, orthophotography (orthos and obliques), Near Infrared Imagery, elevation data (LiDAR) and numerous derivative products created from orthos and/or LiDAR. Every few years, NLCOG coordinates with local public agencies and other entities to determine the need for spatial data. the project area and project deliverables are defined by NLCOG and its participants. This project includes a multiyear – multiflight project for the Metropolitan Planning Area of Bossier, Caddo, De Soto, and Webster Parishes. The MPO will be allocating \$2,000,000 in STP >200k funds, \$1,600,000 federal and \$400,000 local funds over a 4 year period. The funding for Fiscal Year 2022 is budgeted at \$500,000 of which \$400,000 or 80% federal and \$100,000 or 20% local funds. These local funds will be provided through NLCOG's reserve fund.


In anticipation of the new 2020 Census data, staff will begin integration of new demographic data and population trends into all planning processes, and will start to assess potential changes to the urbanized boundary and potential impacts on the geographic extent of the metropolitan planning area. Staff will coordinate the development and calibration of various demographic, land-use, employment, and transportation datasets, including 2020 Census data.

Task E Public Involvement & Outreach

Seeking meaningful public involvement is important for sharing the concerns of the community. NLCOG is committed to actively involving the public in identifying and addressing quality of life issues. NLCOG will strive to proactively inform and involve the public and improve public involvement through creative and interactive approaches. In order to continue to fulfill its federal mandates, NLCOG has developed several specific and functional goals and objectives for the Public Involvement Policy. Task E will provide for continued updates to our website to make it more user friendly and up-to-date. These updates will include development of a series of web pages to provide community agencies and residents with information about the transportation planning process, environmental programs and, the basics of GIS. Additional pages will include interactive mapping, and project specific pages such as I-49, I-69, LA 3132. A revised Public Involvement Plan developed at the end of Fiscal Year 2021 will be implemented within Fiscal Year 2022.

Task F Management and Administrative Programs

Task F provides for inter-agency cooperation and coordination of the planning process and for the overall management of NLCOG and development of the staff in carrying out the work program. Included in this effort will be the coordination of the MPO Transportation Policy Committee and the Board of Directors along with coordination with DOTD, FHWA, FTA, EPA, and other governmental agencies. This task encompasses activities directed toward administering the day-to-day administrative, contract management, and financial planning that ensure that the MPO functions of the NLCOG staff and the council itself conform to internal policy, as well as the policies and legal requirements the state of Louisiana, of the United States Department of Transportation, other federal regulatory agencies, and the tenets and obligations promulgated in the FAST-Act. This task will also include the continued development and implementation of a strategic plan intended as a platform to provide NLCOG a five-year dynamic road map for achieving the highest quality in regional planning, program development, and the delivery of services for the benefit of member governments and their citizens. The strategic plan will provide the structure and guidance needed in the coming years, to enable NLCOG to continue effectively working with



and for local governments to address the region's critical needs. This strategic planning effort is funded solely by unincumbered funds of the NLCOG.

Task G-1 Northwest Louisiana Regional Safety Coalition

Louisiana's Strategic Highway Safety Plan (SHSP) is a plan to reduce traffic fatalities and injuries on Louisiana's roadways through widespread collaboration and an integrated 4E approach: engineering, education, enforcement, and emergency services. The vision of the SHSP is Destination Zero Deaths and the goal is to reduce the number of fatalities by half by the year 2030. In order to regionally implement and sustain the SHSP, it is necessary to provide to continue with the efforts of the regional safety coalitions. The primary task of this sponsor/state agreement will be to implement and sustain the SHSP by bridging all gaps between DOTD district personnel, local governments, local law enforcement, the community, local civic organizations, emergency services/hospitals, school boards, and other safety partners within the region.

Task G-2 Northwest Louisiana Local Road Safety Plans

Parish wide Local Road Safety Plans for the Northwest Louisiana region are needed to help identify and prioritize safety improvements on local roads. These plans will coordinate with the MPO's Metropolitan Transportation Plan, the region's Regional Highway Safety Plan, and various local plans. The Local Road Safety Plans build on DOTD's and LRSP's parish profile by including multi-disciplinary stakeholder outreach and coordination, developing a system of data-driven project prioritization, identifying potential funding sources, and assisting the parishes with ongoing project application submittals.

Task J I-49 Inner City Connector Stage 1

With the completion of I-49 North from I-220 to the Arkansas Louisiana State line there exists an approximately 3.8 mile gap between the existing Interstate 49 (I-49)/Interstate 20 (I-20) interchange to the proposed I-49/Interstate-220 (I-220) interchange within the city of Shreveport in Caddo Parish, Louisiana. The purpose of Task B-5 is to complete the Stage 1 of the I-49 Inner City Connector and to obtain environmental clearance consistent with the requirements of the National Environmental Policy Act (NEPA) for a controlled access highway to bridge this gap. A Locally Preferred Alternative has been identified, several of the technical documents have been submitted to LaDOTD and FHWA, Within the first half of this fiscal year a Draft EIS will be submitted and public hearing held. Following that a Final EIS submitted for a Record of Decision from FHWA.

Task W LWI Region 1 Regional Capacity Building

The Louisiana Watershed Initiative (LWI) Regional Capacity Building Grant Program is designed to help the state's eight provisional watershed regions build staff capacity for regional watershed management, as well as provide technical assistance to municipal partners throughout each region. The goal of the program is to support strong and effective governance for each watershed region and ensure each region operates in a way that maximizes flood mitigation efforts and funds for risk-reduction projects as they become available. NLCOG in conjunction with the Coordinating and Development Corporation (CDC) are working in partnership with local governments in collaborating in research, and education related to watershed management. This collaboration will provide for the maximum efficacies and administration of the program for LWI Region 1.

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PLANNING FACTORS

Fixing America's Surface Transportation Act (FAST- Act), reemphasized the planning factors under MAP-21 and the responsibility of the MPO in preparing and maintaining the long-range Metropolitan Transportation Plan, the Transportation Improvement Program and the Unified Planning Work Program. This work program represents a continuation of the strategic planning process begun in previous years. The focus continues to be on maintaining, improving, and utilizing the information resources in the day-to-day transportation decision-making process. In addition, the planning process will provide for consideration of projects and strategies that will

- (A) support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- (B) increase the safety of the transportation system for motorized and nonmotorized users;
- (C) increase the security of the transportation system for motorized and nonmotorized users;
- (D) increase the accessibility and mobility of people and for freight;
- (E) protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- (F) enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- (G) promote efficient system management and operation;
- (H) emphasize the preservation of the existing transportation system;
- (I) improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
- (J) enhance travel and tourism

Objective:

To discuss the planning programs priorities facing the metropolitan planning area and describe all metropolitan planning, transportation and transportation related air quality planning activities in accordance with the requirements of the Fixing America's Surface Transportation Act (FAST-Act), and the mission and goals of NLCOG.

	Economic Vitality	Safety	Security	Freight Mobility	Environment	Intermodal Connectivity	Operations & Management	System Preservation
A Funding & Financing	✓	✓	✓	✓	✓	✓	✓	✓
B 1 Metropolitan Planning	✓	✓	✓	✓	✓	✓	✓	✓
B 2 Project Development Stage 0 & Stage 1	✓	✓		✓	✓	✓	✓	✓
B 3 Transit Planning and Coordination	✓	✓	✓		✓	✓	✓	✓
B 4 Livable Communities	✓	✓	✓		✓	✓	✓	✓
B 5 Freight & Intermodal	✓	✓	✓	✓		✓		✓
C GIS & Data	✓	✓	✓	✓	✓	✓	✓	✓
E Public Involvement	✓	✓	✓	✓	✓	✓	✓	✓
F Management & Administration	✓	✓	✓	✓	✓	✓	✓	✓
G Regional Safety	✓	✓	✓				✓	✓
G 2 Local Road Safety	✓	✓	✓	✓	✓	✓	✓	✓
J I-49 ICC Stage 1	✓	✓		✓	✓	✓	✓	
W LWI Regional Capacity Building	✓	✓	✓		✓			✓

TASK A

TRANSPORTATION PROJECT FUNDING, FINANCING & DEVELOPMENT

Activities under this task will document and guide identified projects through local, state, and federal processes from inception to completion.

Goal:

To produce and maintain the Transportation Improvement Program (TIP), the Annual Listing of Federally Obligated Projects, and other documents to help move projects through the funding and financing stages.

Objectives:

- Develop and maintain the Transportation Improvement Program as described and mandated in the FAST Act for the Northwest Louisiana Transportation Management Area.
- Develop and maintain the Annual Listing of Federally Obligated Projects.
- Work with our federal, state, and local delegation to ensure all possible funding measures are available to northwest Louisiana.
- Assist in the development of policy documents that are needed for alternative financing mechanisms.
- Maintain the Northwest Louisiana Mega Projects Status Report and Updates

Previous Work:

- The TIP has been continually developed and administered at the required intervals consistent with the mandated elements and procedures prescribed by the federal transportation legislation effective at the time. The current TIP is for the years 2018 - 2022.
- The Annual Listing of Federally Obligated Projects for previous fiscal years.
- Report and presentations on gas tax financing and funding.
- Northwest Louisiana Mega Projects status reports and updates.

Methodologies:

Transportation Improvement Program

Maintaining the current Transportation Improvement Program for the Northwest Louisiana Transportation Management Area for Fiscal Years 2018 – 2022 through amendments and modifications as deemed necessary for project implementation. Staff will work in consultation with federal, state, and local agencies and governments to ensure the TIP is properly maintained. Should the TIP need to be amended, staff will ensure that these amendments are approved by the MPO Transportation Policy Committee and that they are conducted with the required outreach procedures through Task E and in coordination with the upkeep of project database and mapping within Task C.

An update to the TIP (FY 23-26) will take place in FY 2022. Staff will ensure that the TIP includes all regionally significant transportation projects, that it is fiscally constrained, and that projects are progressing toward implementation. Projects will be developed and incorporated into the TIP as needed through a formalized amendment process. Projects in the TIP will be coordinated with the updated Metropolitan Transportation Plan (MTP) from Task B-1 in order to ensure they achieve the MTP's goals and performance measures.

Track the funding commitments of identified projects to ensure that progress is being made in securing funding and advancing local priorities toward implementation.

Obligated Projects

Develop the annual list of projects obligated in the last fiscal year will be created to show funding commitments. These projects will also be mapped through Task C to demonstrate geographical parity and categorized by type to ensure a reasonable distribution of project types and modal emphasis areas.

MEGA Projects

Quarterly updates to the Northwest Louisiana Mega Projects Status Report.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- Maintenance of the current Transportation Improvement Program (TIP) and applicable amendments and modifications.
- A New TIP for Fiscal Years 2023 - 2026
- The Annual Listing of Federally Obligated Projects for Fiscal Year 2021
- Quarterly updates on the Northwest Louisiana MEGA Projects Status Reports.

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Current TIP (FY 18 – 22) Maintenance												
New TIP (FY 23 - 26) Development & Maintenance												
Obligated Projects												
MEGA Projects												

Performance Benchmarks:

- Adoption of TIP Amendments and Modifications for implementation of the current TIP
- Adoption of a new TIP to coincide with the newly adopted MTP developed under task B-1
- A complete list of projects obligated during the fiscal year
- Northwest Louisiana Mega Projects Status Reports and Updates

Funding:

Task A Transportation Project Funding, Financing & Development		
<i>Element Funding</i>		
Federal Highway PL (H.972382.1)	20,000.00	66.67%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	10,000.00	33.33%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	30,000.00	100.00%

Staffing:

Executive Director ([Task Lead](#))

MPO Deputy Director

Public Involvement Coordinator/Title VI Officer

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TASK B-1

METROPOLITAN PLANNING PROGRAMS

Metropolitan transportation planning is the process of examining travel and transportation issues and needs in metropolitan areas. A properly developed regional comprehensive plan, implemented and sustained, will deliver a metropolitan area that is and can be developed in an orderly manner and is consistent with the public values and goals. The major emphasis for this task will be the implementation and coordination of the Mobility 2040 Comprehensive Long Range Transportation Plan for Northwest Louisiana while updating the plan to include DeSoto and Webster Parishes.

Goal:

The goal of this task is to implement the FAST-ACT planning objectives by conducting planning and analyses activities that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, and increased motorist safety.

Objectives:

- To begin implementation of the NLCOG 2045 the Metropolitan Transportation Plan (MTP) for the parishes of Bossier, Caddo, DeSoto, and Webster.
- Meet the revised Federal requirements of FAST - Act through the development and review of performance measures for use in the overall planning process and identification and prioritization of projects for implementation.
- Monitor the region's transportation systems in order to identify construction and transportation management projects and strategies that reduce congestion on the region's networks and improve roadway state of good repair.
- Continue to refine the Regional Transportation Plan so that it can support sustainable community goals and function as one element of regional comprehensive planning.
- Identify projects and incident management strategies that will increase safety on the region's roads and highways and reduce the occurrence of motorist injuries and fatalities.
- Continue to implement, update and revise the Management Systems including the Congestion Management Process, the Regional Intelligent Transportation Systems Plan, and the Traffic Incident Management Systems Plan for the area.

Previous Work:

- Mobility 2040 Northwest Louisiana Long Range Transportation Plan
- Northwest Louisiana Long Range Transportation Plan 2035 Update
- NLCOG 2045 Metropolitan Transportation Plan
- Northwest Louisiana Incident Management Alternative Route Plan
- Northwest Louisiana Congestion Management Process and Plan
- Northwest Louisiana Regional ITS Plan and Architecture
- Northwest Louisiana Job Access – Extended Service Transportation Strategy Plan

Methodologies:

Metropolitan Transportation Plan

Implementation of the newly adopted NLCOG 2045 Metropolitan Transportation Plan with revised coverage of Metropolitan Planning Area of Bossier, Caddo, DeSoto, and Webster Parishes.

The transportation includes both long-range and short-range strategies/actions that provide for the development of an integrated multimodal transportation system to facilitate the safe and efficient movement of people and goods in addressing current and future transportation demand.

Travel Demand Modeling

Implementation of the revised Travel Demand Model which includes the Metropolitan Planning Area of Bossier, Caddo, DeSoto, and Webster Parishes.

Coordinate with local parish governments, transit providers, and LADOTD, in order to review and update highway and transit networks to accurately reflect planned future year improvements in the model.

Ensure that the latest, most accurate traffic, land use, socio-economic, and employment data inputs available are utilized in the model, through continual coordination with local governments, LADOTD, and coordinating these data sets with the regional GIS efforts of Task C.

Performance Measures

To monitor the performance of the transportation system, and the effectiveness of programs and projects as they relate to the National Goals, a series of performance measures were established in the areas of safety (PM1), infrastructure condition (PM2), and system performance (PM3). These measures are outlined in 49 USC 625 and 23 CFR 490.

To account for the expanded Metropolitan Planning Area the MPO will review the performance measures performance targets adopted November of 2018 to account for all of Bossier, Caddo, DeSoto, and Webster Parishes.

The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety. Performance measures will be analyzed thru use of big data accessed through, StreetLight, Regional Integrated Transportation Information System (RITIS) provided by LADOTD, our newly revised Travel Demand Modeling, and other data sources as needed.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- The NLCOG 2045 Metropolitan Transportation Plan (MTP) that includes the revised planning area of Bossier, Caddo, DeSoto, and Webster Parishes.
- Calibrated Travel Demand Model (TDM) for use in project and plan evaluation.
- Updated Northwest Louisiana Transportation Performance Measures that include the revised planning area of Bossier, Caddo, DeSoto, and Webster Parishes
- Traffic Counts as needed in support of local planning efforts and the MTP and TDM

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Implementation of the MTP												
Implementation of the revised TDM												
Review and update Functional Class of regional network.												
Develop Performance Measures for expanded planning area												
Traffic Counts												

Performance Benchmarks:

- Implementation of the 2045 Metropolitan Transportation Plan
- Implementation of the revised travel demand model for the region
- Updated Transportation Performance measures for the region
- Traffic counts at selected locations in support of project developments

Funding:

Task B-1 Metropolitan Planning Programs		
Element Funding		
Federal Highway PL (H.972382.1)	185,000.00	69.81%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	80,000.00	30.19%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	265,000.00	100.00%

Staffing:

MPO Deputy Director ([Task Lead](#))

Executive Director

Environmental Sustainability Planner

Regional Planner

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TASK B-2

PROJECT DEVELOPMENT

STAGE 0 AND STAGE 1

The Louisiana Department of Transportation and Development has developed a new and streamlined project development and delivery process. This new process relies heavily on the principles of project management and defines seven stages in the project development process. The process starts by doing a feasibility study for a proposed project and ends by putting a completed project into service. Stage 0 and Stage 1 of this process involves the feasibility and environmental analysis of the project.

Goal:

To develop Stage 0 Feasibility Studies and Stage 1 Planning and Environmental Studies for projects identified in the Long Range Plan. Specific focus will be given to those projects identified and/or earmarked in the Federal Transportation Reauthorization Bill and those projects receiving Urban Area greater than 200k funding.

Objectives:

- Complete Stage 0 Feasibility Studies for earmark, greater than 200k, and selected projects within the NLCOG Metropolitan Transportation Plan.
- Complete Stage 1 Environmental Studies for earmark, greater than 200k, and selected projects within the NLCOG Metropolitan Transportation Plan.
- Assist local governments in moving projects forward through the project development process.

Previous Work:

- Stage 0 Feasibility Studies and Stage 1 Environmental Studies for projects identified through the Bossier Parish Congestion Relief Program
- Comprehensive Stage 0 Studies for the I-49 Inner City Connector Project and the LA 3132 (Inner Loop) Extension projects
- Stage 1 Environmental Impact Statements for the I-69 Corridor in Louisiana including SIU 15
- Revised Interchange Justification Report for I-220 @ I-20 for access to Barksdale Air Force Base and the Cyber Research Park

Methodologies:

GIS Data analysis of project corridors for both Stage 0 and Stage 1 analysis.

Stage 0 Feasibility Studies will be developed in accordance to the DOTD Project Development manual.

GIS and TransCad analysis of corridors for Stage 0, Stage 1, and Interchange Justification Reports where needed.

Public outreach for all projects to ensure public opportunities for input, comments, and support.

Products:

- Stage 0 studies for selected projects within the current MTP and TIP.
- Stage 1 environmental studies for selected projects within the current MTP and TIP.

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Identify Projects for Stage 0 Analysis												
Development of Stage 0 Studies												
Identify Projects for Stage 1 Environmental Studies												
Development of Stage 1 Environmental Studies												
Continue monitoring of existing Stage 0 and Stage 1 Studies												

Performance Benchmarks:

- Stage 0 analysis and studies for selected projects within the TIP and Metropolitan Transportation Plan
- Stage 1 environmental studies for selected projects within the TIP and Metropolitan Transportation Plan

Funding:

Task B-2 Project Development Stage 0 and Stage 1		
Element Funding		
Federal Highway PL (H.972382.1)	20,000.00	57.14%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	15,000.00	42.86%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	35,000.00	100.00%

Staffing:

Executive Director (Task Lead)

MPO Deputy Director

Environmental Sustainability Planner

Regional Planner

TASK B-3

TRANSIT PLANNING & COORDINATION

Part of the transportation planning process is to identify transportation connectivity gaps in access to essential services. Essential services include housing, employment, health care, schools/education, and recreation. This includes the identification of performance measures and analytical methods to measure the transportation system's connectivity to essential services and the use of this information to identify gaps in transportation system connectivity that preclude access of the public, including traditionally underserved populations, to essential services.

Goal:

To assist transit providers in creating a regionally seamless transit system that connects potential workers to job opportunities that enhance overall accessibility and mobility for all residents. System connectivity and access to transportation services is the main goal of our Transit Planning and Human Services Transportation Planning processes.

Objectives:

- Implementation and coordination as outlined in the MPO- SporTran MOU including planning assistance, grant and plan development, annual FTA certifications and assurances, coordinated human services transportation planning.
- Implementation and evaluation of the recommendations in the Northwest Louisiana Public Transportation Study and to ensure that the region's existing transit system, including vehicles, transit stops facilities, and other transit related infrastructure, is maintained in a state of good repair.
- A public transportation system that serves as an economic engine and source of individual opportunity by efficiently connecting residents to jobs, education, healthcare, and other essential services
- Develop strategies for improving public transportation opportunities for disadvantaged populations, i.e., elderly, disabled, or low-income individuals, as identified in the Coordinated Public Transportation-Human Services plan.
- Continue to improve coordination of human services transportation in the region, and the on-going process for continual coordination and improvement.

Previous Work:

- Northwest Louisiana Public Transportation Study
- Regional Job Access – Extended Service Transportation Strategic Plan for the Shreveport – Bossier City region.
- Coordinated Human Services Transportation Plan For Northwest Louisiana
- Extensive employment and education analysis using GIS as part of the Regional Job Access.
- Assistance to the Louisiana Department of Economic Development in the location of businesses to northwest Louisiana through GIS data.
- Initial development of a web based mapping application for connecting those in need of human services to those providing human services.

Methodologies:

Coordinated Human Services Transportation Planning

Continually coordinate with the region's transit properties as needed, including a quarterly meeting with the Coordinated Human Services Transportation Planning (CHSTP) advisory committee, which will assist in establishing regional public transportation needs, inter-agency coordination, priorities, the annual distribution of FTA funds, and the development of the TIP's transit element.

To work with the regions human service transportation providers, non-profits, those providing human services, and those in need of human services to ensure accessibility to transportation. Develop and distribute region-wide ridership (customer satisfaction) survey for use within the 10-parish region.

Develop and distribute Rural Public Transportation Need Analysis and Demographic Summaries for each parish within the 10-parish region using GIS/Census data

To work with transit providers to create a policy of regularly collecting measures of transit system performance in order to determine the effects of improvements to the transportation system network. Such measures may include general readership, disabled and elderly ridership, bicycle transfers ridership, headway performance, and travel times, among others. Effects of major transit improvements on the regional air quality may also be estimated through use of transportation demand models.

Transit Asset Management

A Transit Asset Management Plan (TAMP) is a business model that uses the condition of assets to guide the optimal prioritization of funding at transit agencies in order to keep transit systems in a State of Good Repair (SGR). Staff will work with local transit agencies to ensure that, through a strategic distribution of federal funds and by monitoring maintenance of transit assets, the region's public transportation vehicle and associated facilities are maintained in a state of good repair. The Transit element of the TIP will be monitored for adherence to strategies that will assist the region in achieving regional Transit Asset Management performance targets.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- Title VI mapping and data products
- Up-to-date transit element of the TIP
- Update to the Coordinated Human Services Transportation Plan for Northwest Louisiana
- Development and maintenance of A GIS web mapping application to link those in need of human services, those providing human services, and transportation providers throughout the region.

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Qtly Coalition Meetings												
TIP Transit Elements												
Title VI Statistics												
Community Outreach												
Stakeholder Outreach												
CHSTP Update												
GIS Rural Need Analysis												

Performance Benchmarks:

- Quarterly Human Service coordination meetings
- Title VI data for existing and proposed routes
- Annual FTA certifications and assurances
- Adoption of Transportation Improvement Program for the Northwest Louisiana Metropolitan Planning Area including Bossier, Caddo, DeSoto, and Webster Parishes
- Adoption of the Update to the Coordinated Human Services Transportation Plan for Northwest Louisiana

Funding:

Task B-3 Transit Planning and Coordination		
Element Funding		
Federal Highway PL (H.972382.1)	0.00	0.00%
Federal Transit (5303)	96,851.00	69.25%
Federal Transit (5311)	10,000.00	7.15%
Federal Transit (5310)	5,000.00	3.58%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	28,000.00	20.02%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	139,851.00	100.00%

Staffing:

Public Involvement Coordinator/Title VI Officer ([Task Lead](#))

Executive Director

MPO Deputy Director

Environmental Sustainability Planner

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TASK B-4

LIVABILITY & SUSTAINABLE COMMUNITIES

To promote livable and sustainable communities through a coordinated approach to transportation, transportation related infrastructure, and land use planning, and through improving mobility, accessibility, and safety for non-motorized travelers.

Goal:

The goal of the Livability and Sustainable Communities task is to allocate resources to projects that enhance a comprehensive multi-modal transportation network emphasis will be placed on bicycle and pedestrian facilities, Safe Routes to Public Places and traditional transportation enhancements. Projects that pursue transportation alternatives grants must link to the transportation system and qualify under FHWA/FTA listed activities. Such efforts will contribute toward the creation of sustainable, place-based communities in which our residents can live and work. Planning for communities that have minimized their impacts on the natural environment through emissions reductions strategies and deliberative land use planning.

Objectives:

- Integrated approach to land use and transportation plans that promote smart growth and associated sustainable transportation infrastructure.
- Increase the number of opportunities for pedestrian, bicycle, and transit travel throughout the region.
- Direct regional policy and funding that encourages, supports, and implements projects that promote fully integrated “Complete Streets” with streetscapes and roadways that are safe and welcoming for pedestrians, cyclists, transit riders, and vehicular traffic.
- Promotion and implementation of policies that reduce the regional transportation system’s contribution of greenhouse gas emissions and other major pollutants.
- Transportation and transportation infrastructure that is adapted to the anticipated regional effects of global climate change and land subsidence
- Coordination with local government to ensure responsible and informed land use/transportation planning linkages promoting the use and/or development of best available data

Previous Work:

- Bicycle and Pedestrian element of Mobility 2040
Development of the Caddo Parish Bicycle Plan
- Development of a generalized regional existing and future land use database analyzed in conjunction with the MTP
- Annual support local government for transportation enhancement projects submissions and ongoing project coordination

Methodologies:

Coordinate with local parishes and municipalities in order to promote policy objectives related to comprehensive smart growth planning for the region. At a corridor level, this coordination will be used to ensure that transportation projects are complementary to and in support of local land use planning efforts

Continue to implement projects that improve overall conditions for non-motorized travelers on existing thoroughfares. Encourage bicycle and pedestrian friendly design, striping, traffic control devices, shoulder upgrades, signage, bicycle friendly drainage grates, and other non-motorized traveler amenities.

Through coordination with local, state and federal agencies, NLCOG will facilitate the development of transportation strategies, policy mechanisms, and disseminate project funding opportunities that have the potential to improve air quality and reduce harmful greenhouse gas emissions. Staff will coordinate with public and private entities to discuss opportunities for alternative fuel use including CNG, hybrid electric, and full electric vehicles.

Products:

- Coordination with the Louisiana Climate Initiatives Task Force
- Development of selection criteria and selection process for new projects and a Call for projects for future funding under the traditional transportation alternatives program.
- Review of a Complete Streets policies for northwest Louisiana.

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Coordination with local planning departments												
Coordination with Louisiana Climate Initiatives Task Force												
Review of Complete Streets policy's in NWLA												
Review TAP Selection Criteria												
Call for TAP Projects												
Submit TAP Projects for funding												

Performance Benchmarks:

- Input and coordination on Transportation Sub Committee of the Louisiana Climate Initiatives Task Force
- Call for Transportation Alternatives Projects
- Assistance with local submissions for TAP project applications

Funding:

Task B-4 Livable and Sustainable Communities		
Element Funding		
Federal Highway PL (H.972382.1)	4,000.00	62.50%
Federal Transit (5303)	400.00	6.25%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	2,000.00	31.25%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	6,400.00	100.00%

Staffing:

Regional Safety Coordinator ([Task Lead](#))

Executive Director

MPO Deputy Director

Environmental Sustainability Planner

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TASK B-5

FREIGHT & INTERMODAL PLANNING

The FAST-Act strengthens the established policy to improve the condition and performance of the national freight network and achieve goals related to economic competitiveness and efficiency; congestion; productivity; safety, security, and resilience of freight movement; infrastructure condition; use of advanced technology; performance, innovation, competition, and accountability, while reducing environmental impacts. In addition, 23 U.S.C. 134 and 23 CFR 450.306 specifically identify the need to address freight movement as part of the metropolitan transportation planning process. Through task B-5, NLCOG will address the transport and access needs of freight motor and rail carriers, as well as facility issues related to intermodal terminals, airports and port facilities in the region. The program will involve working with the LADOTD and relevant stakeholders on implementing policies, programs and data resources made available through the Statewide Intermodal Transportation Plan and development of relevant performance measurements for Freight Movement. In FY 2021 NLCOG initiated a freight movement study along Interstates 20, 220, and 49 and along LA 3132. NLCOG will expand upon this initial study to look at the freight movements along the arterial systems in the region.

Goal:

A comprehensive freight planning program that will address the transport and access needs of freight motor and rail carriers, as well as facility issues related to intermodal terminals, airports and port facilities in the region with a focus on economic development clusters and land uses.

Objectives:

- Improved movement of freight transport into and through the metropolitan region
- Communication with modal stakeholders that fosters collaborative decision making regarding multi-modal planning and implementation efforts.

Previous Work:

- Designation of National Highway Freight Network
- Performance Measures and Benchmarks for national freight network in Caddo and Bossier Parishes.
- In FY 2021 NLCOG initiated a freight movement study along Interstates 20, 220, and 49 and along LA 3132.

Methodologies:

NLCOG will expand upon this initial study to look at the freight movements along the arterial systems in the region.

Identify geographic “choke points” that impede the ingress and egress of rail and truck freight into and out of the region, and collaborate with local, state, national, private, and public entities toward identifying design or policy solutions.

Identification of a regional freight highway network including those facilities on the national highway freight network.

Products:

- Performance Measure baseline and targets for newly revised planning area of Bossier, Caddo, DeSoto and Webster Parishes.
- Identification of a regional freight highway network including those facilities on the national highway freight network Bossier, Caddo, DeSoto and Webster Parishes.
- Freight Movement Studies along all arterial and above corridors through use of Streetlight data analysis.

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
GIS Freight Network												
Freight Performance												
Freight Movement Studies												

Performance Benchmarks:

- Development of Regional Highway Freight Network
- Baseline and Target Measures for travel reliability on regional freight highway network.
- Freight Movement Studies along arterial and above corridors.

Funding:

Task B-5 Freight and Intermodal Planning		
Element Funding		
Federal Highway PL (H.972382.1)	20,000.00	66.67%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	10,000.00	33.33%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	30,000.00	100.00%

Staffing:

Executive Director ([Task Lead](#))
MPO Deputy Director
Regional Planner

TASK C

GIS DATA DEVELOPMENT & MAINTENANCE

NLCOG and its member agencies have entered into agreements for the development and maintenance of a Regional Geographic Information System. This system is housed by NLCOG and administered by its staff.

Goal:

To promote regional compatibility in geographic information systems processes, procedures, and products among the NLCOG member agencies, state and federal sponsors, and local jurisdictions in Northwest Louisiana. This includes aiding in the development of or to provide high quality GIS products and resources for use in UPWP related corridor and systems planning as well as to support local parish and municipal transportation and land use planning, 911 emergency services, economic development and environmental planning efforts in Northwest Louisiana.

Objectives:

- Supporting internal work efforts and the work of partner stakeholders through the collection, storage, organization, analysis, and distribution of land use and transportation planning data, mapping, and imagery.
- Coordination with local and state agencies resulting in a comprehensive, up-to-date database of transportation related data for use in identifying projects, informing existing, projects, and in the development of the TIP, MTP, and Congestion Management Plan.
- Promote regional compatibility and sharing in GIS processes, procedures, and products among the member agencies of NLCOG, state and federal sponsors, and local agencies in northwest Louisiana by housing, developing and distributing data.
- Ensure that outcomes of local and regional planning efforts are compatible with the regional GIS products to support improved integration of regional transportation planning with land use decision-making processes.
- Provide GIS/Imagery and database development support to local entities as needed for the development of coordinated GIS data products.
- Work with member agencies to increase data quality in terms of detail and accuracy improving existing data, while promoting the integration of planning data development across agencies and across data development initiatives.

Previous Work:

- Implementation of the local ReGIS Intergovernmental agreement and coordination with local governments and agencies has developed into a regional GIS housing highly accurate imagery and vector data including transportation systems, topographical data, environmental inventories and economic databases for use in the UPWP program.
- The contracting of high resolution imagery since 1995 including contract management of non-traditional partners in coordination of federal, state, regional and local raster data initiatives.
- Compiling and analyzing demographic and economic data from the U.S. Department of Commerce and the U.S. Census Bureau for the production of in-house database collections, map products

- and comparative trend analysis studies.
- Acquiring proprietary data from private vendors to ascertain social, economic, and transportation trends in the region, for integration into the travel demand model and for other demographic analyses.
- Begun ArcGIS Server implementation to better provide imagery and data products to both member agencies and the general public through web mapping applications.

Methodologies: Five basic task areas have been established to manage the ReGIS System:

ReGIS Administration

To continue maintaining and developing a regional geographic information. To assist in the management of regional GIS efforts and to coordinate the development of GIS systems of the member government's/agencies. To provide technical support for the development of GIS and database developments.

Basemap Maintenance

To continue to update and expand the project basemap based on new photography this includes building features, hydrology features, transportation features, etc. To review and update of quasi-political boundaries such as neighborhoods, school attendance zones, Delphi Planning zones, etc.

Regional Aerial Photography

The purpose of this task is to assist our member agencies in obtaining aerial photography for the area. This photography is vital to the maintenance of existing and development of new data sets for GIS. Since the mid 1990's, NLCOG has facilitated the development of Geographic Information Systems and associated spatial data for our region. NLCOG has also facilitated the purchase of spatial data for Northwest Louisiana as a cost-sharing objective for local governments and other interested entities. Data acquisitions in the past have included high-resolution, color, orthophotography (orthos and obliques), Near Infrared Imagery, elevation data (LiDAR) and numerous derivative products created from orthos and/or LiDAR. Every few years, NLCOG coordinates with local public agencies and other entities to determine the need for spatial data. the project area and project deliverables are defined by NLCOG and its participants.

This project includes a multiyear – multiflight project for the Metropolitan Planning Area of Bossier, Caddo, De Soto, and Webster Parishes. The MPO will be allocating \$2,000,000 in STP >200k funds, \$1,600,000 federal and \$400,000 local funds over a 4 year period. The funding for Fiscal Year 2022 is budgeted at \$500,000 of which \$400,000 or 80% federal and \$100,000 or 20% local funds. These local funds will be provided through NLCOG's reserve fund.

Application Development

Continue the development of custom user applications for access to GIS, Census and planning data. This includes user Interfaces, network development, and Census Data Inter/Intra net Application. In addition, NLCOG will work towards the development of a regional data-sharing network between public entities.

Socio-Economic Variables / Census Demography / Urban Boundaries

To compile, organize, and analyze socio-economic and environmental data for the region in order to supplement planning efforts within the region and to provide useful demographic data to the public and local agencies. In anticipation of the new 2020 Census data, staff will start to assess potential changes to the urban, urbanized, MSA, and other boundaries and potential impacts on the geographic extent of the metropolitan planning area.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- A regional geographic information system incorporating best available data to support local parish and municipal transportation and land use planning , 911 emergency services, economic development and environmental planning efforts in northwest Louisiana. Special attention to creating web based applications for serving data to both member agencies and the general public.
- NLCOG coordinates with local public agencies and other entities to determine the need for spatial data. the project area and project deliverables are defined by NLCOG and its participants. This project includes a multiyear – multiflight project for the Metropolitan Planning Area of Bossier, Caddo, De Soto, and Webster Parishes.
- Compilation, analysis and mapping of social, economic, and environmental trends in the region, including forecasts of the transportation planning variables, with particular emphasis on the 2010 census data.
- A custom user applications for access to GIS, Census and planning data including both an intranet and internet mapping applications

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
ReGIS Administration												
Basemap Maintenance												
Aerial Photography												
Application Development												
Socio-Economic Data												
Census Demography												
Land Use Data												

Performance Benchmarks:

- Continuously maintained GIS database
- Development of web accessible GIS data sets for both member agencies and public access

- Updated Aerial Photography for the four parish Metropolitan Planning Area
- Development of web accessible image services for both member agencies and public access

Funding:

Task C GIS Data Development and Maintenance		
Element Funding		
Federal Highway PL (H.972382.1)	120,000.00	15.38%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	400,000.00	51.27%
General Local Funds	126,000.00	16.15%
Other Local (GIS & Reserve STP >200K match)	134,125.00	17.19%
Other Local (Watershed)	0.00	0.00%
Element Total	780,125.00	100.00%

Northwest Louisiana Regional Aerial Photography Project

Since the mid 1990's, NLCOG has facilitated the development of Geographic Information Systems and associated spatial data for our region. NLCOG has also facilitated the purchase of spatial data for Northwest Louisiana as a cost-sharing objective for local governments and other interested entities. Data acquisitions in the past have included high-resolution, color, orthophotography (orthos and obliques), Near Infrared Imagery, elevation data (LiDAR) and numerous derivative products created from orthos and/or LiDAR. Every few years, NLCOG coordinates with local public agencies and other entities to determine the need for spatial data. the project area and project deliverables are defined by NLCOG and its participants.

Oblique imagery is imagery captured at an angle to provide a more natural perspective, making objects easier to recognize and interpret. Images are captured from north, south, east and west directions to provide a 360-degree view of every property and parcel. Each pixel is georeferenced resulting in intelligent images that are actionable. This means that you have the ability to interact with the image to measure and extract data. Orthogonal imagery provides a true top-down view and is rectified to align to a map grid. It easily integrates into your GIS data for a comprehensive understanding of buildings, areas, large land features, local topography and more. This project includes a multiyear – multiflight project for the Metropolitan Planning Area of Bossier, Caddo, De Soto, and Webster Parishes. The MPO will be allocating \$2,000,000 in STP >200k funds, \$1,600,000 federal and \$400,000 local funds over a 4 year period. The funding for Fiscal Year 2022 is budgeted at \$500,000 of which \$400,000 or 80% federal and \$100,000 or 20% local funds. These local funds will be provided through NLCOG's reserve fund.

Project Funding			
	STP>200k	Local Match	Total
	\$1,600,000.00	\$400,000.00	\$2,000,000.00
Fiscal Year Budgeting			
	STP>200k	Local Match	Total
FY 2022	\$400,000.00	\$100,000.00	\$500,000.00
FY 2023	\$400,000.00	\$100,000.00	\$500,000.00
FY 2024	\$400,000.00	\$100,000.00	\$500,000.00
FY 2025	\$400,000.00	\$100,000.00	\$500,000.00
Total	\$1,600,000.00	\$400,000.00	\$2,000,000.00

Staffing:

GIS Project Manager (Task Lead)

Executive Director

MPO Deputy Director

Environmental Sustainability Planner

Regional Planner

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TASK E

PUBLIC INVOLVEMENT & OUTREACH

Seeking meaningful public involvement is important for sharing the concerns of the community. NLCOG is committed to actively involving the public in identifying and addressing quality of life issues. NLCOG will strive to proactively inform and involve the public and improve public involvement through creative and interactive approaches. In order to continue to fulfill its federal mandates, NLCOG has developed several specific and functional goals and objectives for the Public Involvement Policy.

Goal:

The purpose and goal of this task is to develop an effective, aggressive Public Involvement / Community Outreach program to promote the involvement of citizen's groups, business organizations, minority groups, and the public at-large in the transportation policy and planning process.

Objectives:

- Expand public involvement and community outreach efforts to a broader section of the region's population ensuring that all citizens have opportunity for input, comment, and information.
- Employ a breadth of communication tools to educate citizens as well as local government and elected officials about the agency's function, projects and programs.
- Solicit and encourage public participation in identifying and addressing quality of life issues including the Metropolitan Transportation Plan and the Transportation Improvement Programs, as well as the projects and programs of the UPWP.
- Proactively inform and involve the public, and increase public involvement through creative and interactive approaches.

Previous Work:

- Development of a Public Involvement Plan and Process for use in NLCOG activities.
- Development of a Title VI Plan that addresses ADA requirements of a sub recipient, and procedures to consider and encourage DBE participation in federally-funded contracts
- Development of Planning 101 brochure and PowerPoint presentation for use at various public outreach meetings
- NLCOG Newsletters, NLCOG.ORG and NLCOGListens.com websites
- Establishment of various citizen committees for the development of projects and programs outlined in the UPWP.

Methodologies:

Three basic task areas have been established to implement and further develop public outreach and inclusion in the planning process:

Public Involvement and Citizen Participation

NLCOG introduced an updated Public Involvement Plan at the end of Fiscal Year 2021. Adoption of this revised PIP is anticipated in the first quarter of FY 2022.

NLCOG will continue to maintain and expand its database of stakeholders, including neighborhood groups, environmental organizations, the business community, non-profit organizations, etc.

NLCOG will continue to foster the citizen committees established for projects and programs of the UPWP and work to develop additional committees as needed.

Environmental Justice & Title VI Review

In adherence with Certification Review NLCOG will continue to review Title VI programs and revise the Title VI Plan, plans and procedures as needed.

Education and Outreach

NLCOG will publish transportation related publications on its website, such as the Metropolitan Transportation Plan, the Transportation Improvement Program, the Unified Planning Work Program, Comprehensive Plans, and other commissioned reports.

Participation at public meetings, forums, summits and other events. NLCOG will engage with environmental organizations, the business community, governmental agencies and citizen groups to educate the public about projects and programs.

NLCOG will continue to maintain and update the nlcoglistens.com web site.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- Adoption of updated Public Involvement Plan introduced at the end of Fiscal Year 2021
- Press Releases as needed for implementation of projects and programs of the UPWP
- Continued update to www.NLCOG.org website.
- Facebook page with various announcements and notices

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Public Involvement Plan												
Stakeholder Database												
Title VI & EJ Activities												
Website Update & Maintenance												
Social Media Presence												

Performance Benchmarks:

- Web publication of NLCOG planning documents and newsletters
- Updated Public Involvement Process Plan
- Technical Advisory and Project Development committee meetings

Funding:

Task E Public Involvement & Outreach		
Element Funding		
Federal Highway PL (H.972382.1)	80,000.00	72.73%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	30,000.00	27.27%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	110,000.00	100.00%

Staffing:

Public Involvement Coordinator/Title VI Officer ([Task Lead](#))

Executive Director

MPO Deputy Director

Environmental Sustainability Planner

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TASK F

MANAGEMENT & ADMINISTRATION

NLCOG and its member agencies have entered into agreements for the development and administration of the budget, program of work, and contracts to fulfill the UPWP and MPO roles and responsibilities.

Goal:

Provide for inter-agency cooperation and coordination of the planning process. Provide for the overall management of NLCOG and development of the staff in carrying out the work program. Included in this effort will be MPO Transportation Policy Committee and Board of Director's activities, and coordination with DOTD, FHWA, FTA, EPA, and other governmental agencies.

Objectives:

- Provide for implementation of the UPWP
- Prepare and manage contracts and agreements that contain the necessary provisions to ensure that contracted work is completed appropriately, in a timely fashion, and within the legal requirements and conduct expectations set forward by NLCOG, the State of Louisiana, and the Federal government.
- Implement the human resources functions which are necessary to ensure that the agency and its staff have the wherewithal to conduct the everyday functions of the Metropolitan Planning Organization.
- Provide for accounting and grant implementation.

Previous Work:

- Fiscal Year 2021 UPWP implementation
- Fiscal Year 2020 Financial Audit
- Contracts with DOTD for implementation of FY 2020 PL funds

Methodologies:

Three basic task areas have been established to implement administrative functions of NLCOG including UPWP, Human Resources, and Accounting. In addition NLCOG began a Strategic Planning effort under the previous year's UPWP and will continue that effort moving forward.

UPWP Administration

This task includes development of annual report reviewing of previous year work program, (FY 2021), implementation of Fiscal Year 2022 Work Program including amending and revising as necessary, and development of Fiscal Year 2023 Work Program.

Human Resources

This task includes the continual refinement and update NLCOG Employee Policies and Procedures Handbook, managing retirement, health insurance, staffing resources, and professional development activities.

Accounting and Grant Administration

This task provides for the Administration of the budget and grants of the Fiscal Year 2022 Work Program, the financial audit of Fiscal Year 2021 Work Program and Budget and the development of Grant Applications as needed for work program implementation. Also included in this task are the preparation and dissemination of monthly, quarterly, and annual progress reports.

NLCOG Strategic Plan

Continue the development and implementation of a strategic plan intended as a platform to provide NLCOG a dynamic road map for achieving the highest quality in regional planning, program development, and the delivery of services for the benefit of member governments and their citizens. The strategic plan will provide the structure and guidance needed in the coming years, to enable NLCOG to continue effectively working with and for local governments to address the region's critical needs. This work will be completed with local funds only.

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

Products:

- Fiscal Year 2022 UPWP
- Draft Fiscal Year 2023 UPWP
- Fiscal Year 2021 Financial Audit
- Fiscal Year 2021 Audit of Agreed upon Policies and Procedures
- Contracts and Agreements for Implementation of FY 2022 UPWP
- Updated NLCOG Employee Handbook of Policies and Procedures
- NLCOG Strategic Plan

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2022 UPWP Implementation												
Audit – Financial and Policies												
Monthly Invoicing												
Quarterly Report												
Update Employee Handbook												
FY 2023 UPWP & Budget Drafts												
NLCOG Strategic Planning												

Performance Benchmarks:

- Monthly PL Invoices
- Fiscal Year 2021 Financial Audit Report
- Fiscal Year 2021 Agreed Upon Policies and Procedures Audit Report
- Draft Fiscal Year 2023 UPWP and Budget
- MPO and Board of Director's meetings as per approved schedule
- NLCOG Strategic Planning

Funding:

Task F Management and Administration		
<i>Element Funding</i>		
Federal Highway PL (H.972382.1)	160,474.00	62.59%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	95,933.00	37.41%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	256,407.00	100.00%

Staffing:

Executive Director ([Task Lead](#))

MPO Deputy Director

Accountant

Note:

Funding for the strategic planning effort and management/administration for NLCOG activities unrelated to the functions of the MPO such as Task W LWI Region 1 Regional Capacity Building, and Board of Directors meetings and activities, will be funded with local funds only. FHWA PL and FTA 5303 funds will only be used for the management and administration of eligible MPO activities.

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TASK G-1

NORTHWEST LOUISIANA REGIONAL SAFETY COALITION

Louisiana's Strategic Highway Safety Plan (SHSP) is a plan to reduce traffic fatalities and injuries on Louisiana's roadways through widespread collaboration and an integrated 4E approach: engineering, education, enforcement and emergency services. The vision of the SHSP is Destination Zero Deaths and the goal is to reduce the number of fatalities by half by the year 2030.

The development, implementation, and updating of the SHSP is mandated by the federal MAP-21 legislation for all the States. To obligate Louisiana's Highway Safety Improvement Program (HSIP) funds, Louisiana must develop, implement and regularly update an SHSP that identifies and analyzes highway safety problems and opportunities and highway safety improvement projects must be consistent with the State's SHSP. MAP-21 requires that the SHSP is developed after consultation with a broad range of safety stakeholders, which includes regional transportation planning organizations and metropolitan planning organizations, if applicable; State and local traffic enforcement officials; county/parish transportation officials; other major Federal, State, tribal, and local safety stakeholders, and; other stakeholders as outlined in 23 U.S.C. 148(a)(12). Depending on the SHSP safety priority areas and strategies, additional partners such as representatives from the public health, education, and medical professions may be involved.


Louisiana has established a two-pronged approach for implementation of the SHSP – statewide emphasis area teams that promote proven effective strategies through constantly evolving action plans and regional safety coalitions that implement those action plans at the local level. A regional safety coalition coordinator is a critical component of implementation of the SHSP at the local level.

In order to regionally implement and sustain the SHSP, it is necessary to provide funding for a regional safety coalition coordinator through the NLCOG. The primary task of this sponsor/state agreement will be to implement and sustain the SHSP by bridging all gaps between DOTD District personnel, local governments, local law enforcement, the community, local civic organizations, emergency services/hospitals, school boards, and other safety partners within the region. The LADOTD Highway Safety Section does not have the T.O. or expertise at the regional and local level to accomplish these tasks.

Methodology:

Plan Development, Implementation and Evaluation

Develop and sustain a data-driven plan and program to address the emphasis areas of the SHSP utilizing the 4 E approach. If emphasis areas or strategies in the plan are different than the emphasis areas or strategies in the statewide SHSP, justification through data shall be provided. Data sources shall include Louisiana State University's Highway Safety Research Group, Louisiana's official repository of crash data. If other data sources are used, the data source shall



be provided. Participation on the Traffic Records Coordinating Committee is encouraged. Status reports shall be submitted to LADOTD on a monthly basis along with the invoices. Performance measures shall be established in accordance with MAP-21 and implementation progress shall be reported on a monthly basis.

GIS

Data compilation and analysis, DDACTS, crash data, liaison with state data office and MPO, local jurisdictions, and parishes; provide maps and graphics for the MPO, parishes, and local jurisdictions and agencies for problem identification, meetings, etc.

Partnerships and Advocacy

Develop partnerships with LADOTD, LHSC, LSP, local law enforcement agencies, the MPO, the parishes, emergency services, school board officials, elected officials, and other safety advocates to promote the SHSP and seek out safety related activities within the region.

Marketing

Participate in national campaigns developed by the National Highway Traffic Safety Administration. If applicable, participate in Louisiana's Communication Coordinating Council. Brand the regional safety coalition with the Destination Zero Deaths logo.

Education

Conduct education outreach efforts to inform the public about safety, particularly in the SHSP emphasis areas. Participate in national transportation safety advertising campaigns, circulate public service announcements, and publish newspaper articles and online press releases within the region. Provide additional local outreach through collaboration with law enforcement and health agencies in promoting our activities within the SHSP emphasis areas using all forms of local media. Facilitate collaborative training sessions, webinars, or events on such transportation safety topics as passenger safety (i.e. Child Passenger Safety Training, Click It or Ticket Mobilization, etc.) and conduct public awareness campaigns that educate the public – pedestrians, bicyclists, motorists, and passengers about safety. Work closely with school boards to facilitate outreach and education of students within the SHSP emphasis areas.

Meetings and Conferences

Participate in the quarterly statewide emphasis area team meetings, incident management meetings, MPO, Parish and City Council meetings. Conduct regional safety coalition meetings on a regular basis and report progress at the bi-annual Implementation Team meeting.

Complete Streets

Conduct education outreach efforts for all road users, including pedestrians and bicyclists.

Deliverables

Performance measures shall be reported by the end of the federal fiscal year and an updated regional safety action plan shall be prepared annually. Documentation of the update process shall be provided, and implementation progress shall be tracked and reported monthly with submitted invoices.

Products:

- Northwest Louisiana Regional Highway Safety Plan
- Press Releases and Notifications of Highway Safety Events for the region
- Policy Documents on the identified regional safety planning emphasis areas

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Bi-Annual Coalition Meetings												
Bi-Annual Emphasis Area Mtgs												
Social Media Campaigns												
Safety Legislation Outreach												
Sudden Impact and Think First												
DZD YD Presentation												
Driving Schools Participation												
Mobile Safety Display												
Seat Belt Company Policies												
Seat Check Saturday												
School Bus Safety Outreach												
DD Enforcement Programs												
Ignition Interlock/No Refusal												
RSA Team												
LRSP Parish Plans												

Performance Benchmarks:

- Support for Implementation of the Regional Safety Plan
- Increased awareness of driver safety in northwest Louisiana
- Regional Quarterly Strategy Output Measures Report
- Regional Action Plan Summary Attainment Card

Funding:

Task G-1 Northwest Louisiana Regional Safety Coalition		
Element Funding		
Federal Highway PL (H.972382.1)	0.00	0.00%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	196,013.89	88.69%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	25,000.00	11.31%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	221,013.89	100.00%

Staffing:

Regional Safety Coordinator ([Task Lead](#))

Executive Director

MPO Deputy Director

Environmental Sustainability Planner

Accountant

Regional Planner

TASK G-2

NORTHWEST LOUISIANA LOCAL ROAD SAFETY PLANS

Parish wide Local Road Safety Plans for the Northwest Louisiana region are needed to help identify and prioritize safety improvements on local roads. These plans will coordinate with the MPO's Metropolitan Transportation Plan, the region's Regional Highway Safety Plan, and various local plans. The Local Road Safety Plans build on DOTD's and LRSP's parish profile by including multi-disciplinary stakeholder outreach and coordination, developing a system of data-driven project prioritization, identifying potential funding sources, and assisting the parishes with ongoing project application submittals.

The Northwest Louisiana Council of Governments (NLCOG) will conduct traffic counts, analyze crash data, perform field visits, and determine the most appropriate safety counter measure on identified roadways and intersections identified in the Parish Profiles, coordinate with various stakeholders, prioritize a list of project via crash rates and stakeholder input, and develop a funding and action plan to be followed by the Parishes and MPO for implementing the identified projects.

Methodology:

Project Identification

NLCOG will identify projects using various data sources including crash data from the Crash 3 database, local parish profiles provided by the LRSP, and multi-disciplinary stakeholder outreach. These locations and the various crashes will be mapped out in a Geographic Information System.

Site Visits and Road Safety Assessments

NLCOG will conduct site visits along each identified roadway and each intersection. An effort will be made to include LADOTD, local law enforcement, and parish and municipal staff in each of these visits. These site visits will document the existing conditions, potential safety improvements that can be made along with countermeasures that are proven effective for each location.

Identify Preferred Safety Countermeasures

NLCOG will coordinate with local stakeholders to determine the preferred safety countermeasure at each identified location. Will include cost benefit-analysis using figures from the Highway Safety Manual. NLCOG will coordinate with the MPO's Technical Committee and the Regional Safety Coalition's Infrastructure and Operations Subcommittee to ensure the appropriateness of each countermeasure.

Develop Method of Prioritization

NLCOG will coordinate with local stakeholders to determine the prioritization of implementing the identified countermeasures at each identified location. NLCOG will coordinate with the MPO's Technical Committee and the Regional Safety Coalition's Infrastructure and Operations Subcommittee to ensure the appropriateness of each countermeasure.

Identify funding sources

NLCOG will identify available funding sources, inclusive of LRSP funding. NLCOG will outline the process of project application for each identified funding source.

Development of Staged Implementation Plan

NLCOG will develop a Staged Implementation Plan for the parish to follow over the next five to ten years. The Implementation Plan will outline the roles and responsibilities of the various agencies involved in implementation.

Create an Evaluation Methodology

NLCOG will develop an evaluation tool for the Regional Safety Coalition to use in evaluating the implemented safety countermeasures along each identified roadway. The tool will make recommendations on when and how evaluations should be conducted for each project. The tool will allow stakeholders to measure the success of the plan in future years.

Project Administration

This task will provide effective management, quality control, scheduling, work plan, invoicing, progress reports and other project administrative functions. Progress reports and invoices will be prepared by NLCOG and submitted to LADOTD on an agreed upon schedule. The progress reports will include a narrative of project activities undertaken by NLCOG within the previous period.

Travel and Supplies

This task will provide traffic counting supplies and travel to each site to conduct traffic counts, turning movements, and site visits. Also included travel to meetings relevant to the project.

Products:

- Individual Local Road Safety Plans for each parish
- Report to the Regional Safety Coalition on the individual parish plans
- Report to the MPO on the individual parish plans.
-

Mile Stones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Roadway Data Analysis												
Project Selection												
Countermeasures Analysis												
Rough Draft												
Final Draft												
Parish Adoption												

Performance Benchmarks:

- Development of Local Road Safety Plans
- Increased awareness of driver safety in northwest Louisiana

Funding:

Task G-2 Local Road Safety Planning		
Element Funding		
Federal Highway PL (H.972382.1)	0.00	0.00%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	82,000.00	89.13%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	10,000.00	10.87%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	0.00	0.00%
Element Total	92,000.00	100.00%

Staffing:

Regional Safety Coordinator ([Task Lead](#))
Executive Director
MPO Deputy Director
Environmental Sustainability Planner
Accountant
Regional Planner

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TASK J

I-49 INNER CITY CONNECTOR

STAGE 1

Stage 1 Planning and Environmental Study for the I-49 Inner City Connector project. Following the Stage 0 Feasibility Study, the Stage 1 study will result in the preparation of NEPA documentation to allow for the construction of the preferred alternative.

Goal:

Stage 1 of the I-49 Inner City Connector is to obtain environmental clearance consistent with the requirements of the National Environmental Policy Act (NEPA) for a controlled access highway to connect the existing Interstate 49 (I-49)/Interstate 20 (I-20) interchange to the proposed I-49/Interstate-220 (I-220) interchange within the city of Shreveport in Caddo Parish, Louisiana. This corridor is approximately 3.8 miles long.

Objectives:

- Complete Stage 1 Environmental Study for the I-49 Inner City Connector
- Complete Interchange Justification Report and Interchange Modification Report as related to the I-49 Inner City Connector.

Previous Work:

- Construction of I-49 from I-20 south to I-10 in Lafayette Louisiana
- Completed Stage 1 Environmental Study for I-49 North from I-220 to the Louisiana/Arkansas state line.
- Comprehensive Stage 0 and Environmental Studies for the I-49 Inner City Connector Project

Methodologies:

Development of a plan for coordinating with public and agencies and agency scoping meeting.
The preparation of an Interchange Justification Report and Interchange Modification Report.
Environmental analysis of the five build alternatives currently identified through the NEPA process.

Engineering studies necessary to develop alternatives considered to the extent necessary to complete the NEPA process

Technical studies to determine social, economic and environmental impacts at a level of detail consistent with the requirements of NEPA and other applicable laws and regulations

Preparation of a preliminary EA

Preparation of a Record of Decision (ROD)

Preparation of a Mitigation Plan

Preparation of an Implementation Plan with cost estimates in the year of expenditure

Preparation of a Project Management Plan in accordance with Federal guidelines



Products:

- Stage 1 Environmental Impact Study for the I-49 Inner City Connector
- Interchange Justification Report and Interchange Modification Report
- Mitigation Plan, Implementation Plan with cost estimates in the year of expenditure, and Project Management Plan in accordance with Federal guidelines

Mile Stones:

See Attached SA4 Scope Timeline

Performance Benchmarks:

See Attached SA4 Scope Timeline

<http://www.nlcog.org/pdfs/UPWP/I-49 ICC Schedule fy2022upwp.pdf>

Funding:

INCOME					
Source		Amount			
State Surplus Funds		\$2,000,000.00			
State Surplus Funds		\$1,000,000.00			
Unclaimed Property Funds		\$300,000.00			
STP >200K		\$1,500,000.00			
STP >200K		\$1,200,000.00			
Total		\$6,000,000.00			
EXPENSES					
Contractual			NLCOG Expenses		
Project		Amount	Time Frame		Amount
Stage 0		\$674,297.35	Thru June 30, 2020		
Stage 1		\$1,921,131.00	Sub-Total		\$339,160.34
Sub-Total		\$2,595,428.35			
1st Amendment			Fiscal Year 2021 to Date		
Traffic Count		\$36,015.00	Indirect		\$9,213.31
Choice Transportation		\$87,191.00	Direct		\$7,254.57
IJR/IMR		\$72,056.00	Sub-Total		\$16,467.88
Sub-Total		\$195,262.00			
2nd Amendment			NLCOG Anticipated to Finalize		
Additional Traffic Count		\$269,825.00	Indirect		\$61,947.15
Additional Line and Grade		\$784,584.00	Direct		\$48,777.28
Historic Analysis on 5 build alts		\$27,500.00	Sub-Total		\$110,724.43
Economic Study		\$84,753.00			
Sub-Total		\$1,166,662.00	Total NLCOG		
3rd Amendment			Thru June 30, 2020		\$339,160.34
Finalize Environmental		\$860,946.00	Fiscal 2021 To Date		\$16,467.88
Additional Public Engagement		\$27,707.00	Anticipated to Finalize		\$110,724.43
Bridge		\$374,400.90	Sub-Total		\$466,352.65
Additional Traffic		\$41,600.10			
Additional Cultural		\$271,641.00	I-49 Summary		
Sub-Total		\$1,576,295.00	Total Expenses		\$6,000,000.00
			Total Funding		\$6,000,000.00
Total Contractual		\$5,533,647.35	Remaining Available Funds		\$0.00

Staffing:

Executive Director (Task Lead)

MPO Deputy Director

Accountant

Contractual Project Team:

Providence Engineering (Team Lead)

Stantec

Franklin Associates

ESI / Coastal Engineering

TASK W

LWI REGION 1

REGIONAL CAPACITY BUILDING

The Regional Capacity Building Grant Program is designed to help the state's eight provisional watershed regions build staff capacity for regional watershed management, as well as provide technical assistance to municipal partners throughout each region. The goal of the program is to support strong and effective governance for each watershed region and ensure each region operates in a way that maximizes flood mitigation efforts and funds for risk-reduction projects as they become available.

Goal:

The primary goal of this program is to enable a stable, long-term entity, or watershed coalition, that is capable of performing watershed region management activities aligned with the mission of the LWI. The secondary goal of this program is to support and cultivate staff capacity building within watershed regions to amplify the outcomes of outreach and floodplain management activities. NLCOG will provide for Regional Flood Plan Management.

Objectives:

- Maximize the Community Rating System (CRS) participation
- Maximize the National Flood Insurance Program (NFIP) participation
- Having more communities in the CRS and more residents with NFIP policies will help the committees develop ways to reduce flood risks.

Methodologies:

Establishing a Regional CRS Program.

Assisting communities with entering and/or advancing in the CRS program.

Facilitating the preparation of a public information program for the region.

Leveraging existing efforts and funding sources to continue to improve CRS standing for the region's parishes and municipalities.

Managing recordkeeping for CRS compliance purposes, as needed, for the region's parishes and municipalities.

Training staff and implement best practices within existing floodplain management procedures.

Assisting parish and municipal staff with floodplain permitting, as needed.

Facilitating community engagement, as needed, for CRS and risk communication purposes.

Identifying and/or securing long-term funding and staff capacity to provide CRS services in the region.

Products:

- Development of Regional Community Rating System
- Public Information Program for Region 1
- Region 1 Steering Committee
- Region 1 Watershed Coalition
- Regional Watershed Project List to the OCD

Milestones:

	Q1			Q2			Q3			Q4		
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Regional Watershed Project List												
Region Steering Committee Meeting												
Regional CRS												

Performance Benchmarks:

- CRS score and/or the number of participating communities.
- Number of permits or developments reviewed using available watershed-based models.
- Total number of NFIP policies in the region.
- Developed and adopted ordinances that reduce flood risk.

Funding:

Task W LWI Region 1 Regional Capacity Building		
Element Funding		
Federal Highway PL (H.972382.1)	0.00	0.00%
Federal Transit (5303)	0.00	0.00%
Federal Transit (5311)	0.00	0.00%
Federal Transit (5310)	0.00	0.00%
FHWA Regional Safety Coalition	0.00	0.00%
STATE/STP FUNDS	0.00	0.00%
General Local Funds	5,000.00	10.11%
Other Local (GIS)	0.00	0.00%
Other Local (Watershed)	44,444.00	89.89%
Element Total	49,444.00	100.00%

Staffing:

Environmental Sustainability Planner ([Task Lead](#))

Executive Director

MPO Deputy Director

BUDGET OF INCOME & EXPENSES

The Fiscal Year 2022 Budget for the Northwest Louisiana Council of Governments is the financial guide for the operations of the NLCOG during the fiscal year beginning July 1, 2021. The 2022 budget supports the work activities outlined in the Fiscal Year 2022 Unified Planning Work Program (UPWP). Below is a synopsis of this budget, full details can be found under separate document *Fiscal Year 2022 Budget; July 1, 2021 – June 30, 2022*.

Income:

Source	Amount	% of Category	% of Total
FEDERAL FUNDS			
Federal Highway PL (H.972422.1)	\$625,474.00	61.60%	30.74%
Federal Transit (5303)	\$96,851.00	9.54%	4.76%
Federal Transit (5311)	\$10,000.00	0.98%	0.49%
Federal Transit (5310)	\$5,000.00	0.49%	0.25%
FHWA Regional Safety Coalition	\$278,013.89	27.38%	13.66%
sub total	\$1,015,338.89	100.00%	49.90%
STBG FUNDS			
STP >200k (Regional Aerial Photography)	\$400,000.00	100.00%	19.66%
sub total	\$400,000.00	100.00%	19.66%
LOCAL FUNDS			
General Local			
Shreveport	\$192,036.00	43.55%	9.44%
Bossier City	\$68,554.00	15.55%	3.37%
Caddo Parish	\$54,545.00	12.37%	2.68%
Bossier Parish	\$59,080.00	13.40%	2.90%
DeSoto Parish	\$27,340.00	6.20%	1.34%
Webster Parish	\$39,378.00	8.93%	1.94%
sub total	\$440,933.00	100.00%	21.67%
Other Local			
Caddo 911 (GIS)	\$14,125.00	7.91%	0.69%
Caddo Tax (GIS)	\$20,000.00	11.20%	0.98%
CDC (Watershed)	\$44,444.00	24.89%	2.18%
Reserve Funds (match for STP >200k)	\$100,000.00	56.00%	4.91%
sub total	\$178,569.00	100.00%	8.78%
FUNDING TOTAL	\$2,034,840.89	100.00%	100.00%

Expenses:

Salaries		
	Direct	\$621,437.50
	Support	\$120,437.50
	Sub total	\$741,875.00
Benefits		
	Retirement	\$66,768.75
	Insurance	\$145,000.00
	Sub total	\$211,768.75
Employment Taxes		
	Unemployment	\$400.00
	Workers Comp	\$2,000.00
	FICA	\$12,000.00
	Sub total	\$14,400.00
Overhead		
	Advertising	\$7,000.00
	Bonding & Insurance	\$18,000.00
	Building Rent/Parking	\$55,000.00
	Computer Hardware	\$13,300.00
	Computer Software	\$143,539.00
	Dues & publications	\$6,000.00
	Equipment Maintenance	\$1,000.00
	Furniture	\$2,000.00
	Office Systems	\$3,300.00
	Non Project/Public Relations	\$11,000.00
	Postage	\$500.00
	Professional Services	\$110,000.00
	Professional Development	\$30,000.00
	Travel	\$12,000.00
	Supplies	\$10,000.00
	Safety Coalition Equipment	\$7,500.00
	Telephone/DSL/Cell	\$12,000.00
	Sub total	\$442,139.00
TOTAL		\$1,410,182.75
Task C GIS Data Development and Maintenance		
	Regional Aerial Photography	
	STP >200k	\$400,000.00
	Reserve Funds	\$100,000.00
	Sub total	\$500,000.00
GRAND TOTAL		\$1,910,182.75

Overhead Details:

Computer Hardware	
Servers, Workstations, Network Equipment	\$10,000.00
Printers	\$800.00
Misc. (hard drives, memory, etc)	\$2,500.00
TOTAL	\$13,300.00

Computer Software	
ESRI ArcGIS Maintenance	\$32,300.00
Streetlight Data	\$87,139.00
Microsoft	\$6,500.00
WebSite	\$6,000.00
Caliper	\$1,000.00
Adobe	\$1,000.00
Data	\$3,000.00
Anti-Virus	\$1,200.00
QuickBooks	\$1,200.00
Misc.	\$4,200.00
TOTAL	\$143,539.00

Regional Aerial Photography	
STP >200k	\$400,000.00
Imagry Lcal Match Support	\$100,000.00
TOTAL	\$500,000.00

Professional Services	
HMV (Auditing)	\$40,000.00
Legal	\$30,000.00
Misc Planning / Engineering Assistance	\$40,000.00
TOTAL	\$110,000.00

Funding By Task:

Task	Description	FHWA PL	FTA (5303)	FTA (5311)	FTA (5310)	Safety
A	Transportation Project Funding, Financing & Development	\$20,000	\$0	\$0	\$0	\$0
B-1	Metropolitan Planning Programs	\$185,000	\$0	\$0	\$0	\$0
B-2	Project Development Stage 0 and Stage 1	\$20,000	\$0	\$0	\$0	\$0
B-3	Transit Planning and Coordination	\$0	\$96,851	\$10,000	\$5,000	\$0
B-4	Livability and Sustainable Communities	\$20,000	\$0	\$0	\$0	\$0
B-5	Freight and Intermodal Planning	\$20,000	\$0	\$0	\$0	\$0
C	GIS Data Development & Maintenance	\$120,000	\$0	\$0	\$0	\$0
E	Public Involvement & Outreach	\$80,000	\$0	\$0	\$0	\$0
F	Management and Administrative Programs	\$160,474	\$0	\$0	\$0	\$0
G-1	Northwest Louisiana Regional Safety Coalition	\$0	\$0	\$0	\$0	\$196,014
G-2	Northwest Louisiana Local Road Safety Plans	\$0	\$0	\$0	\$0	\$82,000
J *	I-49 Inner City Connector Stage 1	\$0	\$0	\$0	\$0	\$0
W	LWI Region 1 Regional Capacity Building	\$0	\$0	\$0	\$0	\$0
	TOTAL	\$625,474.00	\$96,851.00	\$10,000.00	\$5,000.00	\$278,013.89

* See Attached Separate Budget Sheet

Task	Description	State/STP	General Local	Other Local (GIS)	Other Local (Watershed)	Total
A	Transportation Project Funding, Financing & Development	\$0	\$10,000	\$0	\$0	\$30,000
B-1	Metropolitan Planning Programs	\$0	\$80,000	\$0	\$0	\$265,000
B-2	Project Development Stage 0 and Stage 1	\$0	\$15,000	\$0	\$0	\$35,000
B-3	Transit Planning and Coordination	\$0	\$28,000	\$0	\$0	\$139,851
B-4	Livability and Sustainable Communities	\$0	\$6,000	\$0	\$0	\$26,000
B-5	Freight and Intermodal Planning	\$0	\$10,000	\$0	\$0	\$30,000
C	GIS Data Development & Maintenance	\$400,000	\$126,000	\$134,125	\$0	\$780,125
E	Public Involvement & Outreach	\$0	\$30,000	\$0	\$0	\$110,000
F	Management and Administrative Programs	\$0	\$95,933	\$0	\$0	\$256,407
G-1	Northwest Louisiana Regional Safety Coalition	\$0	\$25,000	\$0	\$0	\$221,014
G-2	Northwest Louisiana Local Road Safety Plans	\$0	\$10,000	\$0	\$0	\$92,000
J *	I-49 Inner City Connector Stage 1	\$0	\$0	\$0	\$0	\$0
W	LWI Region 1 Regional Capacity Building	\$0	\$5,000	\$0	\$44,444	\$49,444
	TOTAL	\$400,000.00	\$440,933.00	\$134,125.00	\$44,444.00	\$2,034,840.89

* See Attached Separate Budget Sheet

FHWA PL and FTA 5303 Match Requirements

Task	Description	FHWA PL	20% Local Match Requirement	FTA (5303)	20% Local Match Requirement
A	Transportation Project Funding, Financing & Development	\$20,000	\$5,000	\$0	\$0
B-1	Metropolitan Planning Programs	\$185,000	\$46,250	\$0	\$0
B-2	Project Development Stage 0 and Stage 1	\$20,000	\$5,000	\$0	\$0
B-3	Transit Planning and Coordination	\$0	\$0	\$96,851	\$24,213
B-4	Livability and Sustainable Communities	\$20,000	\$5,000	\$0	\$0
B-5	Freight and Intermodal Planning	\$20,000	\$5,000	\$0	\$0
C	GIS Data Development & Maintenance	\$120,000	\$30,000	\$0	\$0
E	Public Involvement & Outreach	\$80,000	\$20,000	\$0	\$0
F	Management and Administrative Programs	\$160,474	\$40,119	\$0	\$0
	TOTAL	\$625,474.00	\$156,368.50	\$96,851.00	\$24,212.75

Note:

NLCOG has no activities funded with other Federal, State, and/or local funds that plan for other transportation modes.

Notice of Public Comment Period

The Northwest Louisiana Council of Governments (NLCOG), the local Metropolitan Planning Organization (MPO), is submitting for a 30-day public review and comment the:

UNIFIED PLANNING WORK PROGRAM (UPWP)
and Budget for the
NORTHWEST LOUISIANA METROPOLITAN PLANNING AREA
Fiscal Year 2022
April 15, 2021 – May 14, 2021

To meet the requirements of the “Fixing America’s Surface Transportation” Act (FAST Act) transportation legislation, this document is now available for public review and comment. Updated annually, the Unified Planning Work Program summarizes the transportation planning activities of the MPO staff, its member agencies, and other transportation and planning agencies conducting work in Northwest Louisiana.

Those interested may view the document at the following locations:

Northwest Louisiana Council of Governments
625 Texas Street, Suite 200
Shreveport, Louisiana 71101

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APPENDIX A MEETING SCHEDULES & MEMBERS FOR FISCAL YEAR 2022

Board of Directors:

Meeting Dates and Time for Fiscal Year 2022 (July 2021 – June 2022)

In general, the Board of Directors will meet every six (6) weeks beginning with Friday July 16, 2020. The meetings will begin at **9:45 am** (or immediately following the MPO). At this time meetings will take place at the Regional Commerce Center at the Port of Caddo Bossier 6000 Doug Attaway Blvd. Shreveport, LA 71115. All dates are subject to approval of the MPO at the June 18, 2021 meeting.

<i>July 16, 2021 – 9:45</i>	<i>January 21, 2022 – 9:45 (5 weeks)</i>
<i>August 27, 2021 – 9:45 (6 weeks)</i>	<i>March 4, 2022 – 9:45 (6 weeks)</i>
<i>October 8, 2021 – 9:45 (6 weeks)</i>	<i>April 22, 2022 – 9:45 (7 weeks)</i>
<i>November 19, 2021 – 9:45 (6 weeks)</i>	<i>May 27, 2022 – 9:45 (5 weeks)</i>
<i>December 17, 2021 – 9:45 (4 weeks)</i>	<i>June 24, 2022 – 9:45 (4 weeks)</i>

Members for Fiscal Year 2022 (July 2021 – June 2022)

Mr. William Altimus	Bossier Parish
Mr. Bruce Blanton	Webster Parish
Mr. Steve Brown	Desoto Parish
Mayor Elect Tommy Chandler*	City of Bossier City
Mr. Charles Henington	Caddo Parish Tax Assessor
Mayor Adrian Perkins	City of Shreveport
Dr. Woodrow Wilson	Caddo Parish

* Mayor Elect Tommy Chandler takes office in July of 2021

Metropolitan Planning Organization:

Meeting Dates and Time for Fiscal Year 2022 (July 2021 – June 2022)

In general, the MPO will meet every six (6) weeks beginning with Friday July 16, 2021. The meetings will begin at **9:00 am**. At this time meetings will take place at the Regional Commerce Center at the Port of Caddo Bossier 6000 Doug Attaway Blvd. Shreveport, LA 71115. All dates are subject to approval of the MPO at the June 18, 2021 meeting.

<i>July 16, 2021 – 9:00</i>	<i>January 21, 2022 – 9:00 (5 weeks)</i>
<i>August 27, 2021 – 9:00 (6 weeks)</i>	<i>March 4, 2022 – 9:00 (6 weeks)</i>
<i>October 8, 2021 – 9:00 (6 weeks)</i>	<i>April 22, 2022 – 9:00 (7 weeks)</i>
<i>November 19, 2021 – 9:00 (6 weeks)</i>	<i>May 27, 2022 – 9:00 (5 weeks)</i>
<i>December 17, 2021 – 9:00 (4 weeks)</i>	<i>June 24, 2022 – 9:00 (4 weeks)</i>

Members for Fiscal Year 2021 (July 2020 – June 2021)

Mr. William Altimus	Bossier Parish
Mrs. Carlotta Askew-Brown	Bossier City/Parish MPC
Mr. Bruce Blanton	Webster Parish
Mr. Steve Brown	Desoto Parish
Mayor Elect Tommy Chandler*	City of Bossier City
Mr. Alan Clarke	Shreveport/Caddo MPC
Mr. Eric England	Caddo Bossier Port
Mr. David North	La DOTD
Mayor Adrian Perkins	City of Shreveport
Mayor Lorenz Walker	City of Bossier City
Mr. Dinero' Washington	SporTran
Dr. Woodrow Wilson	DeSoto Parish

Non- voting Members

Laura Phillips	FHWA
Lynn Hayes	FTA

Technical Coordinating Committee:

Meeting Dates and Time for Fiscal Year 2022 (July 2021 – June 2022)

In general, the Technical Coordinating Committee will meet at a minimum of once per quarter. Meeting dates are set on an as needed basis. The meetings will generally begin at 11:00 am meetings will take place virtually through ZOOM. Should meeting be held in person they will take place in the Seminar Room at the Shreveport Bar Center 625 Texas Street, Shreveport, LA 71101.

Members for Fiscal Year 2021 (July 2020 – June 2021)

City Engineer	City of Shreveport
Environmental Services Director	City of Shreveport
City Engineer	City of Bossier City
Director of Public Works	Caddo Parish
Parish Engineer	Bossier Parish
Parish Engineer	Desoto Parish
Parish Engineer	Webster Parish
Assistant Director	Shreveport/Caddo MPC
Assistant Director	Bossier City/Parish MPC
Planning Director	SporTran
Director of Engineering and Planning	Caddo Bossier Port
Traffic Engineer	La DOTD Dist. 04
Statewide Planning Engineer	La DOTD
Director of Planning	NLCOG

APPENDIX B: UPWP COMMENTS

Federal Highways PL Numbers State Proj No H.972422.1 FAP No H972422

- Noted updated as appropriate

FTA Numbers

- FTA 5303 MPO Planning Assistance Funds Amount (CFDA No. 20.505): **\$96,851.00**
- FTA 5311 Regional Coordination Amount (CFDA No. 20.509): **\$10,000.00**
- FTA 5310 Regional Coordination Amount (CFDA No. 20.513): **\$5,000.00**
- State Project Number: **PL80-09-22**

- Noted updated as appropriate

Update the Public Notice to match the actual print notification

- Noted updated as appropriate

Add the following to per appropriate task for potential direct expenses

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

- Noted updated as appropriate

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APPENDIX B: FHWA CONDITIONAL APPROVAL LETTER AND MPO RESPONSE



FHWA Louisiana Division Office
5304 Flanders Drive, Suite A
Baton Rouge, Louisiana 70808
(225) 757-7600
(225) 757-7601 (Fax)



FTA Region 6 Office
819 Taylor Street, Room 14A02
Fort Worth, Texas 76102
(817) 978-0550
(817) 978-0575 (Fax)

June 28, 2021

Shawn D. Wilson, Ph.D., Secretary
Louisiana Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA 70802

Subject: UPWP State Fiscal Year 2021 - 2022: Shreveport-Bossier MPO

Attn: Connie Porter Betts, Transportation Planning Administrator

Dear Dr. Wilson:

This letter provides conditional approval of the 2021-22 Unified Planning Work Program (UPWP) for the Shreveport-Bossier Metropolitan Planning Organization (MPO). We approve of the UPWP contingent upon Transportation Policy Committee (TPC) adoption of UPWP amendments on or before July 31, 2021 that:

1. Discuss priorities and challenges facing the Metropolitan Planning Area in the narrative.
2. Revise Task F to remove support for NLCOG Board meetings.
3. Add an activity to collect, manage, and/or analyze performance target data.
4. Add an activity to Task F for maintaining (amending, revising) the UPWP.
5. Revise Task B-3 to provide more information on Transit Asset Management targets.

FHWA must receive documentation of TPC adoption of the UPWP with these amendments by August 6th, 2021 for this approval to remain valid.


Should you have any questions regarding this matter, please contact Ms. Laura Phillips, FHWA, at (225) 757-7622, or Ms. Lynn Hayes, FTA, at (817) 978-0565.

Sincerely,

David Bartels
Director, Planning & Program Development
Federal Transit Administration

Digitally signed by MARY
M STRINGFELLOW
Date: 2021.06.28 14:15:42
-05'00'

Mary Stringfellow
Program Delivery Team Leader
Federal Highway Administration



c: Connie Porter Betts, LDOTD
Dawn Sholmire, LDOTD
Michelle Home, LDOTD
Casey Lewis, LDOTD
Chris Petro, NLCOG
Kent Rogers, NLCOG

MPO Response

The following Appendix has been added to the Table of Contents.

Appendix C – FHWA Conditional Approval Letter and MPO Response79

1. Discuss priorities and challenges facing the Metropolitan Planning Area in the narrative.

The following has been included within the Planning Prospectus/Work Program Summary.

The major planning priorities for the region are reflected in the Tasks described within the UPWP. A Major emphasis is being placed on the implementation of the newly adopted NLCOG 2045 Metropolitan Transportation Plan for the region. The MTP was updated and refined to include the parishes of Caddo, Bossier, DeSoto, and Webster. The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety.

While fatality rates on the roadways are trending lower than in previous years any serious injury or fatality is unacceptable. Louisiana's Strategic Highway Safety Plan (SHSP) vision is Destination Zero Deaths and the goal is to reduce the number of fatalities by half by the year 2030. In order to regionally implement and sustain the SHSP, the Northwest Louisiana Transportation Safety Coalition is bridging gaps between DOTD district personnel, local governments, local law enforcement, the community, local civic organizations, emergency services/hospitals, school boards, and other safety partners within the region. The safety collation looks for best practices in safety planning to be incorporated into all efforts. One major task is the development of parish wide Local Road Safety Plans to help identify and prioritize safety improvements on the local level.

Economic development priorities include ensuring functionality of the region's major roadway network and improving job and job training access via all modes. Highway projects under consideration for development that will have a major impact on economic development are the I-49 Inner City Connector and the I-69 Frontage Road Port Access Project form LA 1 at the Port of Caddo Bossier to LA 3276 at I-49. However, not all citizens have access to vehicles of their own or wish to use those vehicles for all travel. The overall goal of Task B-3 is to identify gaps in the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. The objective is to assist transit providers in creating a regionally seamless transit system that connects potential workers to job opportunities that enhance overall accessibility and mobility for all residents.

Underlying all planning efforts is a dedicated commitment to equity. Seeking meaningful public involvement is important for sharing the concerns of the community. NLCOG is committed to actively involving the public in identifying and addressing quality of life issues. NLCOG will strive to proactively inform and involve the public and improve public involvement through creative and interactive approaches.

2. Revise Task F to remove support for NLCOG Board meetings.

Revisions noted in blue text below

Goal:

Provide for inter-agency cooperation and coordination of the planning process. Provide for the overall management of NLCOG and development of the staff in carrying out the work program. Included in this effort will be MPO Transportation Policy Committee ~~and Board of Director's activities~~, and coordination with DOTD, FHWA, FTA, EPA, and other governmental agencies.

Performance Benchmarks:

- Monthly PL Invoices
- Fiscal Year 2021 Financial Audit Report
- Fiscal Year 2021 Agreed Upon Policies and Procedures Audit Report
- Draft Fiscal Year 2023 UPWP and Budget
- MPO ~~and Board of Director's~~ meetings as per approved schedule
- NLCOG Strategic Planning

Note:

Funding for the strategic planning effort and management/administration for NLCOG activities unrelated to the functions of the MPO such as Task W LWI Region 1 Regional Capacity Building, *and Board of Directors meetings and activities*, will be funded with local funds only. FHWA PL and FTA 5303 funds will only be used for the management and administration of eligible MPO activities.

3. Add an activity to collect, manage, and/or analyze performance target data.

Revisions noted in blue text below

TASK B-1 METROPOLITAN PLANNING PROGRAMS:

Performance Measures

To monitor the performance of the transportation system, and the effectiveness of programs and projects as they relate to the National Goals, a series of performance measures were established in the areas of safety (PM1), infrastructure condition (PM2), and system performance (PM3). These measures are outlined in 49 USC 625 and 23 CFR 490.

To account for the expanded Metropolitan Planning Area the MPO will review the performance measures performance targets adopted November of 2018 to account for all of Bossier, Caddo, DeSoto, and Webster Parishes.

The goal of this task is to conduct planning and analyses that lead toward transportation systems with less congestion and delay, a higher state of good repair, greater accessibility to jobs and services, reductions in total vehicle miles travelled, fewer negative impacts on air quality, and increased motorist safety. Performance measures will be analyzed thru use of big data accessed through, StreetLight, Regional Integrated Transportation Information System (RITIS) provided by LADOTD, our newly revised Travel Demand Modeling, and other data sources as needed.

4. Add an activity to Task F for maintaining (amending, revising) the UPWP.

Revisions noted in blue text below

UPWP Administration

This task includes development of annual report reviewing of previous year work program, (FY 2021), implementation of Fiscal Year 2022 Work Program *including amending and revising as necessary*, and development of Fiscal Year 2023 Work Program.

5. Revise Task B-3 to provide more information on Transit Asset Management targets.

The Methodologies section has been divided into 3 areas: Coordinated Humans Service Transportation Planning, Transit Asset Management, and Support and Development, Equipment, Software. Additional text is noted in blue text below

TASK B-3 TRANSIT PLANNING & COORDINATION:

Methodologies:

Coordinated Human Services Transportation Planning


Continually coordinate with the region's transit properties as needed, including a quarterly meeting with the Coordinated Human Services Transportation Planning (CHSTP) advisory committee, which will assist in establishing regional public transportation needs, inter-agency coordination, priorities, the annual distribution of FTA funds, and the development of the TIP's transit element.

To work with the regions human service transportation providers, non-profits, those providing human services, and those in need of human services to ensure accessibility to transportation. Develop and distribute region-wide ridership (customer satisfaction) survey for use within the 10-parish region. Develop and distribute Rural Public Transportation Need Analysis and Demographic Summaries for each parish within the 10-parish region using GIS/Census data

To work with transit providers to create a policy of regularly collecting measures of transit system performance in order to determine the effects of improvements to the transportation system network. Such measures may include general readership, disabled and elderly ridership, bicycle transfers ridership, headway performance, and travel times, among others. Effects of major transit improvements on the regional air quality may also be estimated through use of transportation demand models.

Transit Asset Management

A Transit Asset Management Plan (TAMP) is a business model that uses the condition of assets to guide the optimal prioritization of funding at transit agencies in order to keep transit systems in a State of Good Repair (SGR). Staff will work with local transit agencies to ensure that, through a strategic distribution of federal funds and by monitoring maintenance of transit assets, the region's public transportation vehicle and associated facilities are maintained in a state of good repair. *SporTran's current targets for State of Good Repair that no more than 15% of their revenue vehicles*



with a particular class have met or exceeded their useful life benchmark. The Transit element of the TIP will be monitored for adherence to strategies that will assist the region in achieving regional Transit Asset Management performance targets *and in keeping with the 15% target. The MPO through it's Metropolitan Transportation Plan has set aside FHWA urban funds to be transferred on a periodic basis to assist in maintain this goal.*

Support and Development, Equipment, Software

Expenses associated with staff attendance or participation in training events, workshops, conferences, or other events and peer-to-peer exchanges that contribute to professional development and/or institutional knowledge about best practices in metropolitan planning. Staff may also purchase software, data, or equipment that is demonstrated as necessary to conduct the activities in this task.

