

FY2023UPWP

Unified Planning Work Program

Chapter I

Central Staff Activities



UNIFIED PLANNING WORK PROGRAM

FY 2023

TABLE OF CONTENTS

VOLUME	DESCRIPTION
<i>Budget</i>	NJTPA BUDGET FOR CHAPTERS I, II, & III
<i>Chapter I</i>	CENTRAL STAFF ACTIVITIES
<i>Chapter II</i>	SUBREGIONAL PASS-THROUGH PROGRAMS <ul style="list-style-type: none">➤ SUBREGIONAL TRANSPORTATION PLANNING PROGRAM➤ SUBREGIONAL STUDIES PROGRAM
<i>Chapter III</i>	TRANSPORTATION MANAGEMENT ASSOCIATION PROGRAM
<i>Chapter IV</i>	OTHER REGIONAL TRANSPORTATION PLANNING INITIATIVES
<i>Glossary</i>	NJTPA GLOSSARY OF TERMS AND ACRONYMS

UNIFIED PLANNING WORK PROGRAM

FY 2023

CHAPTER I - CENTRAL STAFF ACTIVITIES

TABLE OF CONTENTS

SECTION	PAGE NUMBER
<i>Introduction</i>	I-1
<i>Unified Planning Work Program</i>	
Task 23/101 UPWP ADMINISTRATION	3
Task 23/102 GRANTS AND CONTRACT ADMINISTRATION	5
Task 23/103 TITLE VI COMPLIANCE AND REPORTING	7
<i>Systems Planning, Modeling, and Data</i>	
Task 23/201 PERFORMANCE MEASURES AND DATA	11
Task 23/202 MODELING AND FORECASTING	15
Task 23/203 CONGESTION MANAGEMENT PROCESS	18
Task 23/204 PERFORMANCE BASED ADVANCEMENT	21
Task 23/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS	24
Task 23/206 GIS, DATA RESOURCES AND PLANNING TOOLS	28
Task 23/207 TRANSPORTATION TECHNOLOGY FOR PLANNING AND OPERATIONS	30
<i>Regional Planning</i>	
Task 23/301 LONG RANGE PLANNING	35
Task 23/302 PLANNING STUDIES	37
Task 23/303 SAFETY PLANNING	39
Task 23/304 SUBREGIONAL PASS THROUGH PROGRAMS	41
Task 23/305 MOBILITY PROGRAMS	44
Task 23/306 ENVIRONMENT AND CLIMATE CHANGE PLANNING	47
Task 23/307 LIVABLE COMMUNITIES PLANNING	50
<i>Freight Planning</i>	
Task 23/401 FREIGHT PLANNING AND COORDINATION	57

Capital Programming

Task 23/501	TRANSPORTATION IMPROVEMENT PROGRAM	63
-------------	------------------------------------	----

Local Project Development

Task 23/601	LOCAL CAPITAL PROJECT DELIVERY PROGRAM	69
Task 23/602	LOCAL SAFETY PROGRAMS	72
Task 23/603	TRANSPORTATION ALTERNATIVES AND SAFE ROUTES TO SCHOOL PROGRAMS	76

Public Affairs and External Affairs

Task 23/701	PUBLIC INVOLVEMENT/OUTREACH	81
Task 23/702	COMMITTEE SUPPORT	84
Task 23/703	INTERAGENCY COLLABORATION & EXTERNAL AFFAIRS	86

Information Systems

Task 23/801	INFORMATION SYSTEMS SUPPORT AND DEVELOPMENT	91
Task 23/802	APPLICATIONS, SOFTWARE, AND DATABASE DEVELOPMENT	94

Appendix A

PLANNING EMPHASIS AREAS AND GOALS

INTRODUCTION

The North Jersey Transportation Planning Authority (NJTPA) Fiscal Year 2023 Unified Planning Work Program (UPWP) describes all transportation and related planning activities to be conducted by the NJTPA's Central Staff, its member agencies and other transportation agencies in the North Jersey region during the fiscal year. These tasks were developed to meet federal requirements governing NJTPA's role as the Metropolitan Planning Organization (MPO) for the 13-county region. They seek to improve mobility, promote economic progress, make travel safer and more reliable, safeguard the environment and address other goals as directed by the NJTPA Board of Trustees and in keeping with Plan 2050: Transportation. People. Opportunity. , the federally required long-range transportation plan for the region.

During FY 2023, the NJTPA will undertake a variety of new initiatives, summarized below, including measures to implement Plan 2050; refinement of the Regional Capital Investment Strategy (RCIS); a pilot program for developing walking-biking trails; identification of effective practices for workforce accessibility to freight facilities; additions to the NJTPA Online Transportation Information System (NOTIS), including Congressional District overlays; selection of consultants for the FY 2023 Local Concept Development Program; updating Street Smart NJ messaging; upgrades to the NJTPA primary servers, storage and network; and much more.

The UPWP work tasks, including descriptions of who will perform the work, the schedule and intended products, are organized into four chapters:

- Central Staff Program Activities (Chapter I)
- Subregional Planning Activities (Chapter II)
- Transportation Management Association Program (Chapter III)
- Other Regional Transportation Planning Initiatives (Chapter IV)

This introduction provides background and context for tasks in the UPWP and is broken into four sections:

- NJTPA Planning in the UPWP – summarizes NJTPA planning responsibilities
- Chapter Summaries – provides a brief description and highlights for each chapter
- Planning Priorities and Goals – describes planning priorities and goals that guided the development of UPWP tasks, including: Federal Highway Administration (FHWA) Emphasis Areas, New Jersey Department of Transportation (NJDOT) Statewide Planning Priorities, NJTPA Plan 2050 Goals, and Federal Planning Factors
- FY 2023 Work Program Budget

NJTPA Planning in the UPWP

The NJTPA Board of Trustees is composed of elected officials from the region's 13 counties (Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union and Warren) and two largest cities (Jersey City and Newark), which are known collectively as the NJTPA's "subregions," as well as representatives of the Governor's Office, the transportation operating agencies (NJDOT, NJ TRANSIT and the Port Authority of New York & New Jersey) and a citizens' representative. Further information on the NJTPA, its planning activities and guiding legislation is available at www.njtpa.org.

Tasks in the FY 2023 UPWP are intended to fulfill the six core functions mandated of MPOs in the federal Infrastructure Investment and Jobs Act (IIJA) and its predecessor legislation:

1. ***Establish a setting for effective decision-making*** regarding transportation needs and priorities. This function is supported primarily through standing committees — Planning and Economic Development Committee, Project Prioritization Committee, Freight Initiatives Committee and Regional Transportation Advisory Committee (composed of subregional planners and engineers) — as well as through outreach to local officials and transportation stakeholders.
2. ***Identify and evaluate transportation improvement options***. This is supported through data analysis, the congestion management process (CMP), corridor and other special studies, and through the application of general planning methods.
3. ***Prepare and maintain a Metropolitan Transportation Plan that has a 20+ year horizon***. The NJTPA Board of Trustees adopted an updated long-range plan, [*Plan 2050: Transportation. People. Opportunity.*](#), on September 13, 2021. Staff will focus on implementing the plan in FY 2023.
4. ***Develop a fiscally constrained Transportation Improvement Program (TIP)*** that identifies project priorities drawn from the Long Range Transportation Plan (LRTP). The NJTPA also adopted a new TIP on September 13, 2021. It is a four-year fiscally-constrained agenda of transportation projects for Fiscal Years 2022 – 2025.
5. ***Identify performance measure targets and monitor whether implemented projects are achieving targets***. NJTPA has two main tasks in the FY 2023 UPWP that support this function: Performance Measures and Data and Performance Based Advancement.
6. ***Involve the public*** in efforts related to the core functions above.

Other tasks in the UPWP reflect NJTPA's involvement with and support for other transportation agencies and organizations. This includes coordination with the transportation planning and capital programming activities of the State, the region's public transportation providers and subregions; and regular consultation with MPOs and transportation agencies in neighboring states/regions on cross-border issues and shared concerns. As described below, many tasks in the UPWP support work related to "Planning Emphasis Areas" that are

periodically established by the FHWA and Federal Transit Administration (FTA), Planning Factors established in federal law and related goals.

The draft FY 2023 UPWP was posted on the NJTPA website for review by the NJTPA Board and standing committees. The public had the opportunity to review and comment at committee meetings and through communications with NJTPA, in keeping with the agency Public Engagement Plan.

Chapter Summaries

Chapter I - Central Staff Program Activities

Chapter I of the UPWP outlines the extensive and varied work of the NJTPA's Central Staff. For each task, the UPWP categorizes task activities as continuing long-term, continuing short-term or new and identifies associated products.

Highlights of new Central Staff activities, including new consultant-supported activities, that will be initiated in FY 2023 are provided below. Details of continuing consultant-supported projects funded in prior fiscal year UPWPs that will still be active and managed by Central Staff during FY 2023 are noted in Table C of the following FY 2023 Work Program Budget section. Further details of these continuing activities can be found on the NJTPA's UPWP webpage at <https://www.njtpa.org/upwp>.

SYSTEMS PLANNING, MODELING AND DATA

RCIS Refinement and Strategy Effectiveness 23/201 – The RCIS will be updated with more direct connections to national and regional performance measures. Best practices for evaluating the impacts of implemented strategies will be assessed for application to the NJTPA region, and communication of these performance-based planning elements will be enhanced.

Performance-Based Advancement 23/204 – The NJTPA will complete and deploy the updated PRIME 2.0 system for cataloging and searching planning study findings, supporting expanded collaborative planning and the advancement of projects.

Connected and Autonomous Vehicle (CAV) Readiness Study 23/207 – Explore the NJTPA region's preparedness for supporting these technologies from a policy and infrastructure perspective. The study will look at what is needed to plan for the eventual deployment of these vehicles in our region. The study will also make recommendations for policy development.

REGIONAL PLANNING

Long-Range Transportation Plan 23/301 – This task will focus on implementing *Plan 2050: Transportation. People. Opportunity.* and begin preparing for the next LRTP update, expected to be adopted in FY 2026. This will include continued interagency coordination to support the Central Jersey Transportation Forum, the statewide Rail Plan and Statewide Transportation Plan, and the development of background and policy statements to support regional long-range planning.

Planning Studies 23/302 - The Regional Active Transportation Plan, initiated in FY 2022, will conclude in FY 2023. It will help to strategically address gaps in the active transportation network, especially in disadvantaged communities. A pilot program to assist communities in developing active transportation trails will be initiated and will build on the recommendations of the Active Transportation Plan.

Title VI Task Force 23/302 – An internal, interdivisional group will continue to meet quarterly to coordinate initiatives to implement the Board-adopted Title VI Plan.

Strategic Highway Safety Plan Implementation 23/303 – Staff is leading and participating in implementing priority strategies in the Strategic Highway Safety Plan (SHSP) including through an internal working group that meets quarterly to coordinate interdivisional activities.

Planning for Emerging Centers Program 23/307 – Staff will complete procurement and oversee two consultant-supported studies for technical assistance through this program.

TNJ Initiative 23/307 – NJTPA will support the Together North Jersey (TNJ) Initiative with technical support from the Voorhees Transportation Center (VTC) at Rutgers University. This includes support for the TNJ Task Forces, TNJ-related workshops, and Vibrant Places, the Local Technical Assistance Program,

FREIGHT PLANNING

Goods Movement Strategies for Communities Webtool Enhancement 23/401 – NJTPA staff will enhance the webtool with a rail freight module as well as update the current truck movement module.

Effective Practices for Enhancing Last Mile Workforce Accessibility to Freight Facilities 23/401 – Freight facilities often have very limited options for worker commutation via public transit or other services during shift times. NJTPA staff will develop a methodology for identifying effective practices used elsewhere that could be applied in the region.

CAPITAL PROGRAMMING

Project Prioritization Criteria Rescoring 23/501 – Staff will modify the scoring of several project criteria areas to address findings from the CMP and strategy effectiveness study. In addition, migration to ESRI ArcPro will be completed with associated recoding.

NOTIS Updates 23/501 – Staff will add a Congressional District overlay and related reporting to NOTIS.

LOCAL PROJECT DEVELOPMENT

Local Capital Project Delivery Program 23/601 – Staff will select consultants for the FY 2023 Local Concept Development Program.

Local Safety Program 23/602 – Staff will coordinate with various NJDOT departments to lead and implement recommendations from the SHSP through the program.

Transportation Alternatives, and Safe Routes to School Programs 23/603 – Staff will work with NJDOT to initiate a solicitation for new projects.

COMMUNICATIONS AND PUBLIC AFFAIRS

FY 2023 Innovative Public Engagement 23/701 – This subrecipient supported effort includes piloting an Outreach Liaison Program, which aims to better engage traditionally underrepresented populations. Recruitment and training began in FY 2022. In FY 2023, outreach liaisons will help develop strategies to better engage community members for a specific project or study area and will help conduct outreach on behalf of the NJTPA.

INFORMATION TECHNOLOGY

Network Development, Administration and Security 23/801 – NJTPA primary site infrastructure will be upgraded including servers, storage, and network components. This will update end of lifecycle components and provide necessary computing resources for Central Staff operations.

Application Development, Administration, and Support 23/802 – Staff will develop new features for the UPWP online reporting tool to address issues raised by UPWP reporting task force efforts and end-user staff engagement.

PREVIOUS WORK

This UPWP is, for the most part, the extension and continuation of past transportation planning work in the region. In some cases, the work is part of an ongoing and/or mandated process, such as support for the various NJTPA standing committees, traffic data collection, model maintenance, or TIP and LRTP maintenance. In other cases, it is a specific project or task with definable start and end points, as with the development of a CMP, completion of a corridor study, and specific tasks to address the FY 2023 Planning Emphasis Areas identified by FHWA and FTA, and the NJTPA's transportation planning goals. In preparing the UPWP, the status of all ongoing and carryover work was evaluated, including consideration of NJDOT and FHWA comments.

Chapter II - Subregional Planning

Chapter II describes the federally funded planning and project development work conducted through the Subregional Pass-Through Programs to support regional transportation planning and project development. Approximately 28 percent of the NJTPA's federal allocation for the FY 2023 UPWP will be passed through or used to support this local planning work over the next two fiscal years. This also includes select Central Staff subregional support projects outlined in Chapter I.

Chapter II describes the Subregional Transportation Planning Program (STP), which provides formula-based funding to each member subregion for essential transportation-related planning, programming and administrative activities that support the NJTPA's regional transportation planning efforts. The NJTPA subregions are vital partners of NJTPA Central Staff in conducting critical planning work and serving as a conduit for public participation. The STP program addresses federal, state, and regional priorities.

Chapter II also contains details on the Subregional Studies Program (SSP), a competitive grant program that provides federal funds for planning studies conducted by the subregions. Each year the NJTPA selects candidate proposals for two-year studies that refine and develop transportation improvement strategies to address regional mobility and accessibility issues. Five subregional studies initiated in previous years will continue in FY 2023 and four new studies have been selected for funding: City of Jersey City -Traffic Calming Toolkit; City of Newark - Newark Bike Plan; Monmouth County - Identification of Barriers to Mobility in Monmouth County; and, Passaic County - Passaic County Strategic Infrastructure Investment.

Chapter III - Transportation Management Association (TMA)

Chapter III contains the Transportation Management Association (TMA) work program. The NJTPA manages this work program, which guides the activities of TMAs throughout New Jersey in their support of statewide transportation demand activities. This includes promoting and supporting commuter vanpools and carpools; working with employers to employ flex-time,

telecommuting and compressed work initiatives; managing shuttle services; and promoting safe walking and bicycling.

In addition, during FY 2023 TMAs will conduct safety programs including the Street Smart NJ pedestrian safety campaign and walk/bike audits, and will continue to pursue a variety of efforts to enhance transportation for seniors, low-income people, veterans, and individuals with disabilities in keeping with the regional Coordinated Human Services Transportation Plan (CHSTP).

Chapter IV - Other Regional Transportation Planning Initiatives

Chapter IV discusses other regional transportation partnerships and includes a placeholder for the next Study and Development Program, which is a schedule of project planning and development work resulting from the metropolitan transportation planning process. Project concepts emerging from this process may be eligible for inclusion in the TIP.

Chapter IV also provides a description of all regional non-NJTPA-funded transportation and transportation-related planning work or activities (including transportation-related air quality planning), regardless of funding source. It includes related work by NJDOT, NJ TRANSIT, the New Jersey Turnpike Authority, and the Port Authority, among others.

Planning Priorities and Goals

Each year specific tasks in the UPWP are created and others are revised to address the Planning Emphasis Areas identified by FHWA and FTA. In addition, the tasks are shaped by efforts to address current issues in keeping with transportation planning goals under the direction of the NJTPA Board.. These are discussed below.

Federal Planning Emphasis Areas

Three-quarters of the work tasks in the FY 2023 UPWP consist of activities mandated under federal law for MPOs. In addition, this work program fully reflects all relevant federal planning priorities and emphasis areas, as well as specific regulations.

Responding to the federal Planning Emphasis Areas identified by the USDOT, this UPWP addresses the following:

- **Tackling the Climate Crisis** – Transition to a clean energy, resilient future.
- **Equity and Justice in Transportation Planning** – Advance racial equity and support for underserved and disadvantaged communities.
- **Complete Streets** – Provide an equitable and safe transportation network for travelers of all ages and abilities.

- **Public Involvement** – Encourage early, effective, and continuous public involvement.
- **Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination** – Coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities.
- **Federal Land Management Agency (FLMA) Coordination** – Coordinate with FLMAs in the transportation planning and project programming process on infrastructure and connectivity needs.
- **Planning and Environment Linkages (PEL)** – Implement PEL as part of the transportation planning and environmental review processes.
- **Data in Transportation Planning** – Incorporate data sharing and consideration into the transportation planning process across multiple programs.

There are examples of work tasks associated with these planning emphasis areas throughout the FY 2023 UPWP. In addition, this UPWP features an extensive freight planning program that will help the region and state address the freight requirements and provisions of the IIJA. A list of work tasks that address the Federal emphasis areas (as well as the following State and regional planning priorities and goals) is located in Appendix A of Chapter I.

NJDOT Statewide Planning Priorities

NJDOT provided NJTPA with Statewide Planning Priorities to help shape tasks in the UPWP. A matrix of these priorities and how they were addressed in the UPWP is included as an attachment in Appendix A of Chapter I. The planning priorities fall into nine major categories:

- Interagency Coordination
- Congestion Relief
- Freight Planning
- Emerging Technologies
- Safety Planning
- Bicycle and Pedestrian Planning
- Intelligent Transportation Systems
- Local Public Agencies
- Equity, Public Health, and Outreach

NJTPA Planning Goals

Plan 2050 includes seven planning goals that guided the development of UPWP tasks:

- Protect and improve natural ecosystems, the built environment and quality of life

- Provide affordable, accessible and dynamic transportation systems responsive to all current and future travelers
- Retain and increase economic activity and competitiveness
- Enhance system coordination, efficiency, overall safety and connectivity for people and goods across all modes of travel
- Maintain a safe, secure and reliable transportation system in a state of good repair
- Create great places through select transportation investments that support the coordination of land use with transportation systems
- Improve overall system safety, reducing serious inquiries and fatalities for all travelers on all modes

Planning Factors and Requirements of the Infrastructure Investment and Jobs Act and Predecessor Legislation

Under federal law, MPOs are required to conduct “continuous, cooperative, and comprehensive” transportation planning (called the 3C process). As part of this requirement, each project, strategy, and service of the MPO must provide for consideration and implementation of 10 Planning Factors:

1. Support the economic viability of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency
2. Increase the safety of the transportation system for motorized and non-motorized users
3. Increase the security of the transportation system for motorized and non-motorized users
4. Increase the accessibility and mobility of people and freight
5. 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
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight
7. Promote efficient system management and operation
8. Emphasize the preservation of the existing transportation system
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation
10. Enhance travel and tourism

The metropolitan planning rules also specify several other elements that should be addressed in the scope of the planning process. They call for increased integration of transportation and land use planning, as well as consideration of employment and housing patterns, community and economic development, and the natural and built environment. Other elements identified in the rules focus on ensuring coordination and consistency with:

- The statewide planning process
- Intelligent Transportation Systems (ITS) architectures
- Coordinated Public Transit-Human Services Transportation Plan(s)
- The SHSP, and transit safety and security plans and programs
- The cooperative development of a CMP involving adjacent MPOs and NJDOT

The tasks identified within the FY 2023 UPWP are consistent with the Planning Factors, transportation Planning Emphasis Areas, the Goals and Objectives as identified in Plan 2050. They are intended to facilitate the effective and efficient implementation of Plan 2050 and the TIP.

FY 2023 Work Program Budget

Traditionally, funding for MPO activities has been provided by the United States Department of Transportation (USDOT), specifically FHWA and FTA. This funding includes FHWA PL and flexed FTA Section 5303 planning funds, and FHWA Surface Transportation Block Grant Program (STBGP) funds.

The total budget for the NJTPA's FY 2023 work program (not including consultant activities and subcontracts continuing from prior UPWPs) is \$30,849,305. Figures 1 and 2 show the breakdown of the budget by expenditures and anticipated revenues. Table A shows the budget by program area and task activity. Table B provides a list of the new FY 2023 consultant supported projects and subcontracts, and Table C provides a list of consultant projects and subcontracts continuing from prior FY 2017, FY 2018, FY 2020, FY 2021, and FY 2022 UPWPs. Further details of the budget are provided in the FY 2023 UPWP Budget Book.

Figure 1 - FY 2023 UPWP Expenditures

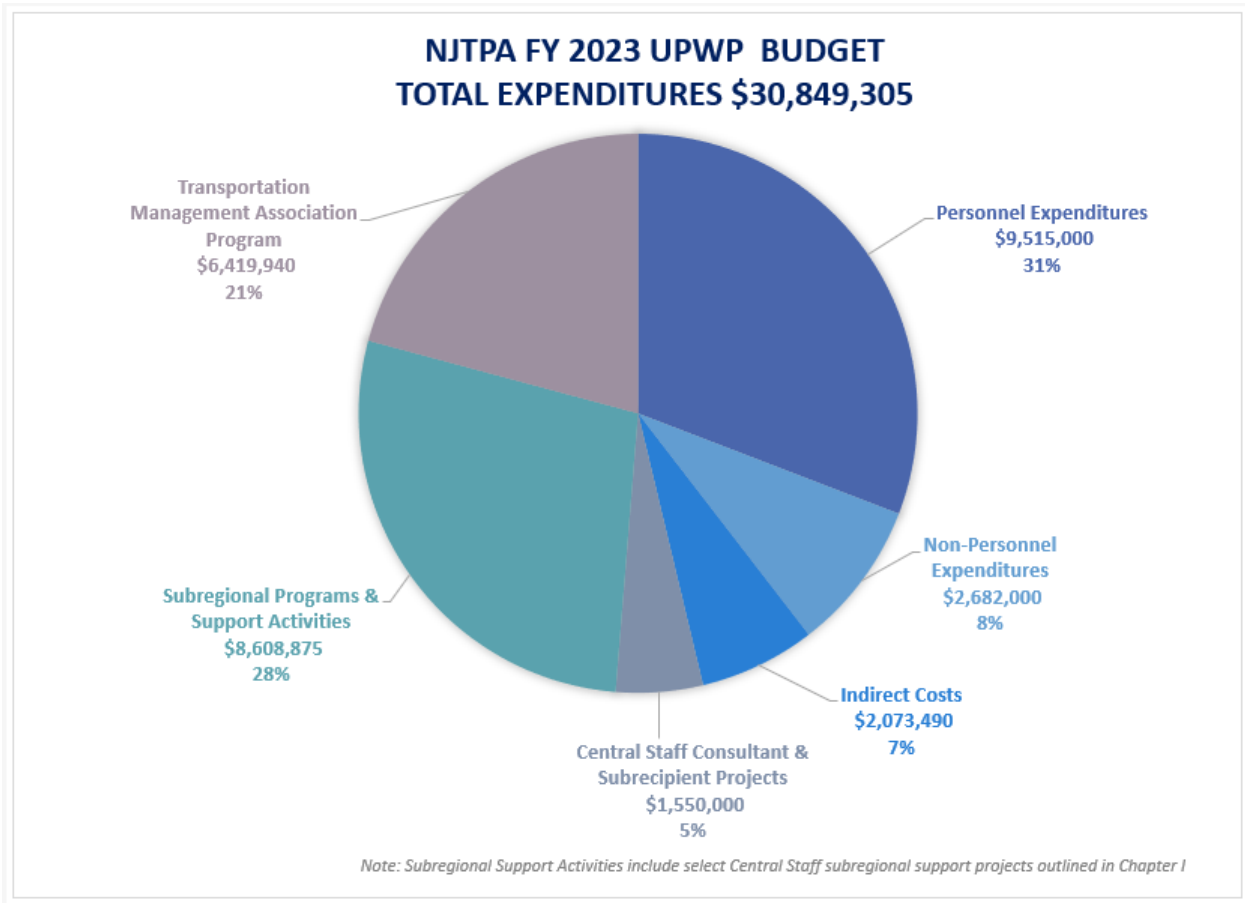


Figure 2 - FY 2023 UPWP Revenues

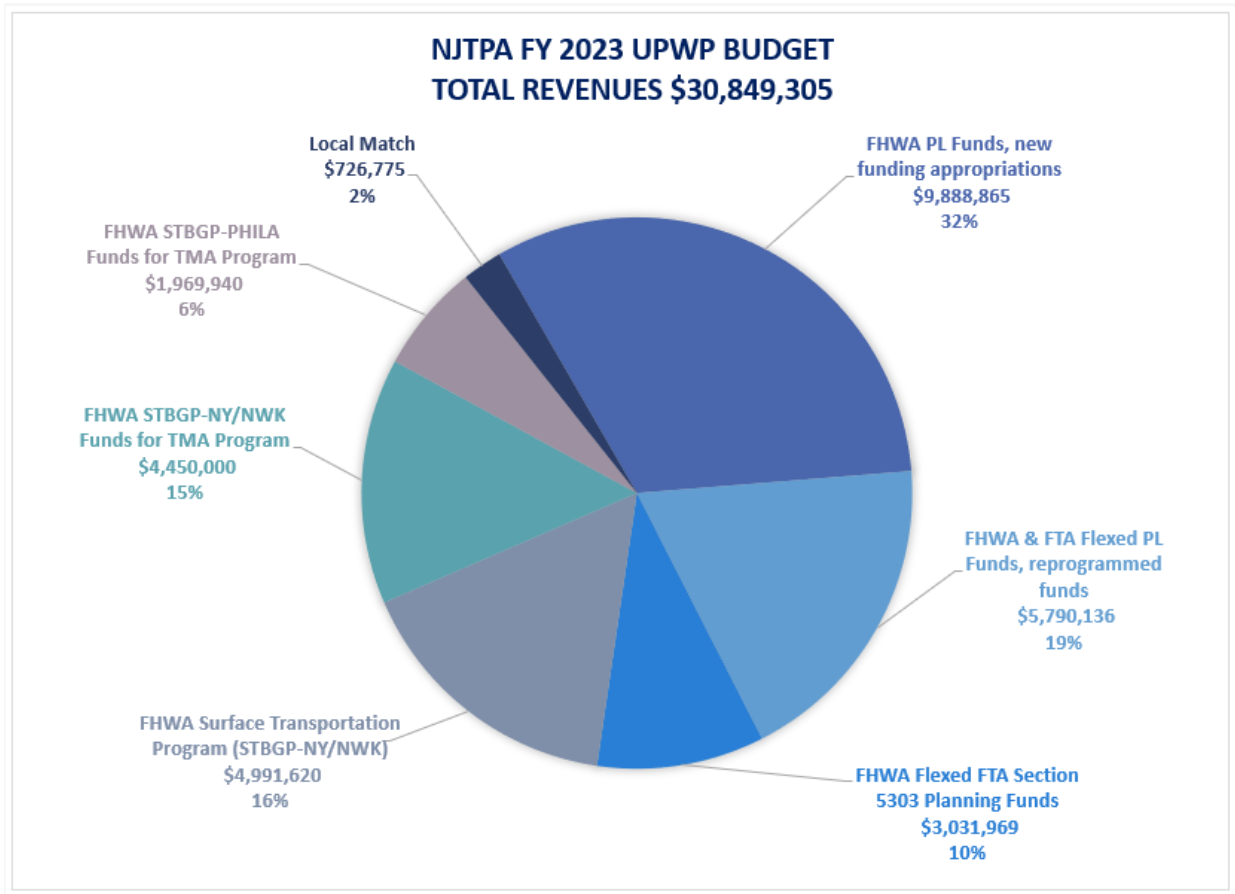


Table A

**NJTPA FY 2023 UPWP Budget
Summary of Costs by Program Area and Tasks - Expenditures**

Program Area	Task No.	Task Activity	FTE	Expenses				
				Personnel Expenditures	Non-Personnel Expenditures	Indirect Costs	Contractual	Total
UNIFIED PLANNING WORK PROGRAM	23/101	UPWP Administration	6.9	\$ 891,683	\$ 251,339	\$ 194,314	\$ -	\$ 1,337,336
	23/102	Grants and Contracts Administration	4.0	\$ 597,592	\$ 168,444	\$ 130,226	\$ -	\$ 896,262
	23/103	Title VI Compliance and Reporting	0.2	\$ 27,575	\$ 7,773	\$ 6,009	\$ -	\$ 41,357
SYSTEMS PLANNING, MODELING AND DATA	23/201	Performance Measures and Data	1.5	\$ 223,942	\$ 63,123	\$ 48,801	\$ 200,000	\$ 535,866
	23/202	Modeling and Forecasting	1.8	\$ 228,933	\$ 64,529	\$ 49,889	\$ 250,000	\$ 593,351
	23/203	Congestion Management Process	1.6	\$ 207,167	\$ 58,394	\$ 45,146	\$ -	\$ 310,707
	23/204	Performance Based Advancement	1.5	\$ 211,673	\$ 59,664	\$ 46,127	\$ -	\$ 317,464
	23/205	Air Quality Planning and Conformity Analysis	1.5	\$ 234,643	\$ 66,139	\$ 51,133	\$ 500,000	\$ 851,915
	23/206	GIS, Data Resources and Planning Tools	2.0	\$ 220,558	\$ 62,169	\$ 48,064	\$ -	\$ 330,791
	23/207	Transportation Technology for Planning and Operations	1.5	\$ 243,511	\$ 68,639	\$ 53,066	\$ -	\$ 365,216
REGIONAL PLANNING	23/301	Long Range Planning	1.5	\$ 199,216	\$ 56,153	\$ 43,413	\$ -	\$ 298,782
	23/302	Planning Studies	1.1	\$ 142,275	\$ 40,103	\$ 31,004	\$ -	\$ 213,383
	23/303	Safety Planning	1.6	\$ 179,106	\$ 50,485	\$ 39,030	\$ -	\$ 268,621
	23/304	Subregional Pass Through programs	3.1	\$ 377,929	\$ 106,527	\$ 82,357	\$ 3,858,875	\$ 4,425,688
	23/305	Mobility Programs	2.1	\$ 268,006	\$ 75,543	\$ 58,403	\$ 6,419,940	\$ 6,821,892
	23/306	Environmental and Climate Change Programs	1.1	\$ 145,435	\$ 40,994	\$ 31,693	\$ -	\$ 218,121
	23/307	Livable Communities Planning	2.7	\$ 380,044	\$ 107,123	\$ 82,818	\$ 750,000	\$ 1,319,985
FREIGHT PLANNING	23/401	Freight Planning and Coordination	2.6	\$ 430,193	\$ 121,259	\$ 93,747	\$ -	\$ 645,198
CAPITAL PROGRAMMING	23/501	Transportation Improvement Program	4.9	\$ 716,472	\$ 201,953	\$ 156,132	\$ -	\$ 1,074,557
LOCAL PROJECT DEVELOPMENT	23/601	Local Capital Project Delivery Program	3.0	\$ 418,441	\$ 117,946	\$ 91,186	\$ 4,000,000	\$ 4,627,573
	23/602	Local Safety Programs	2.8	\$ 419,427	\$ 118,224	\$ 91,401	\$ -	\$ 629,052
	23/603	Transportation Alternatives and Safe Routes to School	0.3	\$ 49,340	\$ 13,908	\$ 10,752	\$ -	\$ 74,000
PUBLIC AND EXTERNAL AFFAIRS	23/701	Public Involvement/Outreach	5.2	\$ 702,970	\$ 198,147	\$ 153,190	\$ 100,000	\$ 1,154,307
	23/702	Committee Support	3.5	\$ 566,348	\$ 159,637	\$ 123,417	\$ -	\$ 849,403
	23/703	Interagency Collaboration and External Affairs	0.9	\$ 216,519	\$ 61,030	\$ 47,183	\$ -	\$ 324,733
INFORMATION SYSTEMS	23/801	Information Systems Support and Development	3.4	\$ 484,259	\$ 136,499	\$ 105,529	\$ -	\$ 726,287
	23/802	Applications, Software, and Database Development	4.4	\$ 731,742	\$ 206,257	\$ 159,460	\$ 500,000	\$ 1,597,459
Total			66.5	\$ 9,515,000	\$ 2,682,000	\$ 2,073,490	\$ 16,578,815	\$ 30,849,305

Table B

NJTPA FY 2023 UPWP Budget New Contractual/Consultant Projects

NEW FY 2023 UPWP Projects - Task Order PL-NJ-23-01

Task No.	Task Activity	Budget	Effective Funding Period
UPWP Consultant Projects (Chapter I)			
23/201-01	RCIS Refinement and Strategy Effectiveness	\$ 200,000	7/1/22-6/30/24
23/205-01	FY 2023 Air Quality Conformity Analysis and GHG Inventory	\$ 500,000	7/1/22-6/30/25
23/307-01	FY 2023 Planning for Emerging Centers *	\$ 525,000	7/1/22-6/30/24
23/601-01	FY 2023 Local Concept Development Studies *	\$ 4,000,000	7/1/22-6/30/25
23/802-01	FY 2023 UPWP Management System Support	\$ 500,000	7/1/22-6/30/24
Subtotal - UPWP Consultant Projects		\$ 5,725,000	
UPWP Subrecipient Projects (Chapter I)			
23/202-01	Trans-Hudson Bus Survey Phase III	\$ 250,000	7/1/22 - 6/30/23
23/307-02	FY 2023 TNJ Initiative Support *	\$ 225,000	7/1/22 - 6/30/23
23/701-01	FY 2023 Innovative Public Engagement	\$ 100,000	7/1/22 - 6/30/23
Subtotal - UPWP Subrecipient Projects		\$ 575,000	
UPWP Pass-Through Programs (Chapters II & III)			
23/304-01	FY 2023 Subregional Transportation Planning Program	\$ 2,283,875	7/1/22 - 6/30/23
23/304-02	FY 2023 STP Supplemental Support	\$ 225,000	7/1/22 - 6/30/23
23/304-03	FY 2023 - FY 2024 Subregional Studies Program	\$ 1,350,000	7/1/22 - 6/30/24
23/305-01	FY 2023 TMA Program	\$ 6,419,940	7/1/22 - 6/30/23
Subtotal - UPWP Pass-Through Programs		\$ 10,278,815	
Total		\$ 16,578,815	

* Subtotal Chapter I - Central Staff Subregional Support Activities \$ 4,750,000

FY 2023 - FY 2024 Subregional Studies Program, Chapter II	Federal Share	Local Share	Total Program Budget	Effective Funding Period
City of Jersey City: Traffic Calming Tool Kit	\$ 160,000	\$ 40,000	\$ 200,000	7/1/22 - 6/30/24
City of Newark: Newark Bike Plan	\$ 300,000	\$ 75,000	\$ 375,000	7/1/22 - 6/30/24
Monmouth County: Identification of Barriers to Mobility in Monmouth County	\$ 320,000	\$ 80,000	\$ 400,000	7/1/22 - 6/30/24
Passaic County: Passaic County Strategic Infrastructure Investment	\$ 300,000	\$ 75,000	\$ 375,000	7/1/22 - 6/30/24
Total FY 2023-FY 2024 SSP Program	\$ 1,080,000	\$ 270,000	\$ 1,350,000	7/1/22 - 6/30/24
Total Chapter II - Subregional Programs	\$ 2,907,100	\$ 726,775	\$ 3,633,875	

Table C

**NJTPA FY 2023 UPWP Budget
Funding Authorized in Prior Fiscal Years for Continuing Projects**

Continuing Consultant/Contractual Projects	Task No.	Budget	Effective Funding Period
<u>FY 2022 Work Program</u>			
FY 2022 UPWP, Central Staff Consultant Activities (Chapter I)			
Travel Demand Model Validation	22/202-01	\$ 300,000	7/1/21 - 6/30/23
Next Generation PRIME Development	22/204-01	\$ 400,000	7/1/21 - 6/30/23
Regional Active Transportation Plan	22/302-01	\$ 350,000	7/1/21 - 6/30/23
Freight Rail Grade Crossing Assessment Update	22/401-01	\$ 300,000	7/1/21 - 6/30/23
FY22 UPWP Management System Support Services	22/802-01	\$ 900,000	7/1/21 - 6/30/23
Total: FY 2022 UPWP, Central Staff Consultant Activities		\$ 2,250,000	
FY 2022 UPWP, Central Staff Subrecipient Activities (Chapter I)			
FY 2022 Complete Streets Technical Assistance	22/307-03	\$ 185,000	7/1/21 - 6/30/23
Total: FY 2022 UPWP, Central Staff Subrecipient Activities		\$ 185,000	
FY 2022 - FY 2023 Subregional Studies Program (Chapter II)			
Essex County Transportation Plan - 2045	22/304-03	\$ 380,395	7/1/21 - 6/30/23
Hudson County Truck Routes Assessment	22/304-03	\$ 400,000	7/1/21 - 6/30/23
Middlesex County: Southern Middlesex County Freight Movement Study	22/304-03	\$ 500,000	7/1/21 - 6/30/23
Somerset County Master Plan Circulation Element	22/304-03	\$ 400,000	7/1/21 - 6/30/23
Union County: Electric Charging Stations Location Study	22/304-03	\$ 220,000	7/1/21 - 6/30/23
Total: FY 2022 UPWP, Subregional Studies Program		\$ 1,900,395	
<u>FY 2021 Work Program</u>			
FY 2021 UPWP, Central Staff Consultant Activities (Chapter I)			
Air Quality Conformity Analysis and GHG Inventory	21/205-01	\$ 475,000	7/1/20 - 6/30/23
FY 2021 Freight Concept Development	21/401-01	\$ 1,200,000	7/1/20 - 6/30/23
Total: FY 2021 UPWP, Central Staff Consultant Activities		\$ 1,675,000	

FY 2021 Local Safety Engineering Assistance (Chapter I) ¹	21/602-01	\$ 7,800,000	TBD
<u>FY 2020 Work Program</u>			
FY 2020 Local Safety Engineering Assistance (Chapter I) ¹	20/503-01	\$ 7,000,000	TBD
<u>FY 2018 Work Program</u>			
FY 2018 Local Safety Engineering Assistance (Volume I) ²			
Allwood Road (CR 602) and Clifton Avenue (SR 161)	18/504-01	\$ 727,603	10/7/2019 - 7/29/2022
Market Street (CR 648) from Spruce Street to Madison Avenue	18/504-01	\$ 614,117	10/9/2019 - 7/29/2022
West Side Avenue from Grant Avenue to Duncan Avenue	18/504-01	\$ 597,526	9/30/2019 - 7/29/2022
Sip Avenue from Freeman Avenue to Van Reypen Street/Newkirk Street	18/504-01	\$ 497,981	9/30/2019 - 7/29/2022
East Front Street, East and West 7th Street (CR 601) and East Front Street (CR 620) at Leland Avenue	18/504-01	\$ 491,284	11/22/2019 - 12/29/2023
Park Avenue (CR 677), JFK Boulevard East/Boulevard East (CR 505 and CR 693) and JFK Boulevard (CR 501)	18/504-01	\$ 892,682	11/22/2019 - 7/29/2022
Main Street (CR 531) from Talmadge Avenue to Brunswick Avenue	18/504-01	\$ 1,031,439	11/12/2019 - 12/30/2023
New Central Avenue (CR 31) and North Hope Chapel Road (CR 639)	18/504-01	\$ 615,630	11/22/2019 - 12/30/2023
Allen Road (CR 652) and Somerville Road Roundabout	18/504-01	\$ 263,258	11/25/2019 - 7/29/2022
Easton Avenue (CR 527) at Demott Lane	18/504-01	\$ 335,127	11/25/2019 - 7/29/2022
Holmdel Road (CR 40) and North Beers Street/Crape Myrtle Drive	18/504-01	\$ 233,442	9/26/2019 - 7/29/2022
Stage Coach Road (CR 524) – Phase III	18/504-01	\$ 514,181	9/30/2019 - 7/29/2022
Subtotal: FY 2018 Local Safety Engineering Assistance Program		\$ 6,814,270	
<u>FY 2017 Work Program</u>			
FY 2017 Local Safety Engineering Assistance Program (Volume I) ³			
JFK Boulevard (CR 501) - Phase III - Bond Place to Bergen Avenue	17/504-01	\$ 659,299	11/14/2017 - 12/30/2022
JFK Boulevard (CR 501) & Paterson Plank Rd (CR 681) Corridors Signal Improvements	17/504-01	\$ 1,167,778	11/14/2017 - 12/30/2022
Jersey City - Marin Blvd	17/504-01	\$ 408,203	11/14/2017 - 12/30/2022
Oakland Avenue & St. Pauls Avenue	17/504-01	\$ 159,563	10/13/2017 - 07/30/2022
Ferry Street	17/504-01	\$ 397,959	10/13/2017 - 07/30/2022
Newark Ironbound Roundabout	17/504-01	\$ 336,864	10/18/2017 - 12/30/2022
Monmouth - Leonardville Rd (CR 516) & East Road	17/504-01	\$ 392,933	10/18/2017 - 12/30/2022
Monmouth - Stage Coach Road (CR 524) - Phase III	17/504-01	\$ 594,995	10/18/2017 - 12/30/2022
Morris - Center Grove Road (CR 670) & Quaker Church Road	17/504-01	\$ 343,040	10/13/2017 - 12/30/2022
Somerset - Manville Main Street (CR533)	17/504-01	\$ 899,213	10/18/2017 - 12/30/2022
Passaic Roundabout - North Haledon Avenue & Manchester Avenue	17/504-01	\$ 428,804	10/18/2017 - 12/31/2022
Essex Roundabout - Walnut Street & West Hobart Gap Road	17/504-01	\$ 479,537	10/13/2017 - 12/30/2022
Hunterdon Roundabout - Stanton Road, Springtown Road, Pleasant Run Road	17/504-01	\$ 363,448	10/18/2017 - 12/30/2022
Total: FY 2017 Local Safety Engineering Assistance Program		\$ 6,631,636	
Total: Continuing Projects		\$ 34,256,301	

UNIFIED PLANNING WORK PROGRAM

UNIFIED PLANNING WORK PROGRAM

23/101 UPWP ADMINISTRATION

Goals

The goal of this task is to develop a metropolitan transportation planning processes that meets the requirements of 23 USC 134 and 23 CFR 450 Subpart C, and is successfully certified by the FHWA and FTA. In addition, this task is to provide timely and efficient support and execution of daily activities of Central Staff in compliance with the federal funding agreements and NJDOT Task Orders, and to ensure that the back-office processes of the agency are run seamlessly. This task also provides for a comprehensive and effective financial and programmatic work plan for implementation of the LRTP and TIP, which responds to the FHWA/FTA requirements.

Description

This task provides administration, oversight, development, and maintenance of the UPWP and MPO office administration. It provides for all the management and oversight of work program activities performed by Central Staff, while ensuring compliance with all applicable federal and state regulations. Additionally, this task encompasses a full range of internal activities necessary to sustain operations in conjunction with New Jersey Institute of Technology (NJIT), which serves as the host agency for the NJTPA and provides administrative support to the MPO. Activities include: execution and maintenance of the MPO's basic agreement and task order agreements with NJDOT, personnel recruitment, salary and payroll administration and preparation of performance evaluations; internal accounting, internal controls, and auditing, business process procedures, execution of purchasing agreements, accounts payable and receivables, monitoring of lease agreements and building maintenance contracts; risk management and legal counsel; training and professional development; and management of the agency's various grant management systems, including its SAP timekeeping and financial management system, and the web-based UPWP Chapter I Management Information System (MIS) and pass-through program Cost Tracking System (CTS).

Continuing Long-Term Core Task Activities

- Prepare and issue monthly/quarterly invoices and reports.
- Create, review and process purchase agreements/requests.
- Develop the FY 2024 UPWP work plan and budget. (December 2022)
- Establish and maintain NJTPA (NJIT) internal accounts in accordance with the FY 2023 budget.
- Maintain office space and ensure lease compliance.
- Submit final report and close-out the FY 2022 UPWP operating expenses and one-year activities.
- Execute UPWP modifications, task order agreements and task order modifications.
- Perform personnel/payroll administration activities, staff performance evaluations, and recruit personnel for part-time positions and to fill full-time vacancies.
- Identify and schedule training opportunities for Board members, Central Staff, and subregional staff members as appropriate.

UNIFIED PLANNING WORK PROGRAM
23/101 UPWP ADMINISTRATION (Cont.)

- Facilitate and assist auditors with annual UPWP audit.

Products

- FY 2024 UPWP Work Program and Budget (March 2023)
- FY 2022 UPWP final report and invoices (September 2022)
- FY 2023 monthly and quarterly, financial and programmatic progress reports for FHWA, FTA, NJDOT and NJIT compliance
- Program specific annual audit for NJTPA’s UPWP (December 2022)

Task Manager

Angellita Young
973-639-8434
young@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
UPWP Administration	Central Staff	\$ 1,337,336

UNIFIED PLANNING WORK PROGRAM

23/102 GRANTS AND CONTRACTS ADMINISTRATION

Goals

This task provides administration, oversight, and contract management of all agency third party (sub-recipient) consultant effort contracts and pass-through program grants to the NJTPA's 15 subregions and New Jersey's eight TMAs. It ensures that all pass-through program activities and all NJTPA consultant efforts adhere to established federal guidelines required for continued receipt of federal funding and support the LRTP.

Description

The NJTPA provides pass-through funding for many federally sponsored programs, including the Subregional Transportation Planning Program and the Subregional Studies Program (Chapter II), and the TMA Program (Chapter III), and is responsible for the contract management of third party (sub-recipient) contracting opportunities within the region, including joint planning efforts with universities, state colleges and NJ TRANSIT. This task includes pre-award desk audits to establish subrecipient eligibility to receive federal grants, developing contractual agreements, providing accounting services to support contractual agreements, executing and procuring planning grants, tracking projects, and monitoring subcontracts. This task ensures applicable subcontract compliance with OMB guidance for the administration of federal grants, including federal procurement, cost principles and audit requirements, as stipulated in federal 2 CFR 200.

It also includes the development of grant administration and fiscal guidelines and budget policies, as well as assisting the NJTPA member agencies in consultant solicitations and selections. The contract administration function performed by Central Staff in coordination with NJIT's Grants and Contracts Office provides necessary administrative coordination with subregional and TMA partners.

In addition to its pass-through programs, the NJTPA contracts with third party vendors to provide support for planning studies managed by Central Staff. This task includes issuing requests for proposals for consultant supported projects, negotiating and developing contractual agreements, providing accounting services to support contractual agreements, issuing and ensuring the execution of contracts, tracking project expenditures, providing administrative support, and ensuring compliance with all relevant federal and state regulations. It also includes assisting staff members in the development of budgets, the consultant selection process and acquiring NJTPA Board Member approvals.

Continuing Long-Term Core Task Activities

- Prepare and execute letters to incur costs and contracts between the subrecipients/consultants and the NJTPA/NJIT for all pass-through programs/agency consultant activities.
- Review and monitor consultant/sub-recipient contract delivery progress, including schedules, budgets, modifications, expenditures, and conduct closeout for all agency contract agreements.
- Perform annual pre-award desk audits of subrecipient grant and consultant contract supporting documentation, including the review of single annual audits, budget plans, indirect costs

UNIFIED PLANNING WORK PROGRAM

23/102 GRANTS AND CONTRACTS ADMINISTRATION (Cont.)

statements and mandatory documentation in compliance with 2 CFR 200 and state regulations.

- ♦ Solicit proposals, facilitate and monitor proposal reviews, negotiate contract scope of work, budget, terms and conditions between NJIT, outside consultants, the subregions, and other sponsoring agencies.
- ♦ Execute and monitor subrecipient/contractual agreements, and issue purchase orders to subrecipients and consultant vendors.
- ♦ Review the annual DBE/ESBE participation goals set by NJDOT. Monitor and report the attainment of DBE/ESBE participation goals.

Products

- ♦ Request for proposals (RFPs)
- ♦ Contract agreements and modifications for subrecipients and consultant vendors.

Task Manager

Pamela Lewis

973-639-8427

plewis@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Grants and Contracts Administration	Central Staff	\$ 896,262

UNIFIED PLANNING WORK PROGRAM

23/103 TITLE VI COMPLIANCE AND REPORTING

Goals

The task develops, maintains, audits and reports on compliance procedures related to the NJTPA Title VI Implementation Plan. This task ensures that NJTPA complies with applicable civil rights statutes, executive orders, and regulations that are intended to ensure that traditionally underserved populations are included in the planning process and have access to MPO activities. The NJTPA, as a subrecipient of federal funds through NJDOT, has committed to complying with all applicable laws and regulations relating to Title VI and nondiscrimination as a condition of receiving federal assistance from USDOT, through FHWA.

Description

This task provides for the administration, oversight, development, and dissemination of compliance activities and documentation of the NJTPA's Title VI Implementation Plan. It provides for the management and oversight of work program activities performed by central staff under the Title VI Implementation Plan.

Activities include ensuring the NJTPA's activities comply with the Title VI Implementation Plan, including but not limited to disseminating information to NJTPA staff, partner agencies, and the public; including Title VI policies in solicitations, contracts and agreements, and organizational materials, products and reports; identifying, investigating, and remediating complaints of discrimination under Title VI; monitoring federal and state laws, rules, regulations, guidelines, and other relevant information pertaining to Title VI; collaborating with Communications to ensure compliance with language translations and other communication needs including maintaining a list of interpretation or translation service providers; preparing annual report(s) on Title VI activities, accomplishments, and complaints; reviewing and updating the NJTPA's Title VI plan as required; reviewing important issues related to non-discrimination with the Executive Director, as needed; and coordination with appropriate federal, state, and regional entities to periodically provide NJTPA's employees with training opportunities regarding non-discrimination.

In addition this task provides for subrecipient monitoring and training to ensure compliance with Title VI. This includes reviewing contracts and conducting periodic desk audits; remediation of non-compliance; training on Title VI compliance and the metropolitan transportation planning process and its products; and coordination with NJDOT, FHWA, FTA and other partner agencies on training, presentations, conferences, and webinars.

Continuing Long-Term Core Task Activities

- ♦ Maintain and report to NJDOT and FHWA on Title VI Complaints, as appropriate.
- ♦ Update the Title VI Implementation Plan and Assurances, as needed.
- ♦ Monitor subrecipient compliance of Title VI activities and non-compliance remediation

UNIFIED PLANNING WORK PROGRAM

23/103 TITLE VI COMPLIANCE AND REPORTING (Cont.)

- Provide compliance guidance to the Title VI Task Force, as needed.
- Conduct Title VI Desk Audit Reviews, as required
- Ensure all procurement processes and procedures include required Title VI provisions, as applicable, in solicitations, proposals and contracts with outside consultants, subrecipients and other partner agencies.
- Provide Title VI training to NJTPA central staff, subrecipients, and partner agencies, as needed

Products

- Title VI Implementation Plan
- Title VI Assurances
- Title VI/Nondiscrimination Annual Work Plan and Accomplishment Report

Task Manager

Angellita Young

973-639-8434

young@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Title VI Compliance and Reporting	Central Staff	\$ 41,357

SYSTEMS PLANNING, MODELING AND DATA

SYSTEMS PLANNING, MODELING AND DATA

23/201 PERFORMANCE MEASURES AND DATA

Goals

This task aims to continue and enhance the use of meaningful performance measures, targets, and reports within the NJTPA's planning processes, empowering planners and decision-makers with information, analysis, and tools to support informed decisions and focus resources wisely.

Description

Performance measures and targets are part of a data-driven framework for transportation planning. They help to illuminate critical needs and issues; evaluate strategies to address those needs; characterize the effectiveness of past efforts (coordinating with Task 204); and communicate relevant information to decision-makers, planning partners, and the public. The NJTPA uses national, regional, and local performance measures related to all of the agency's established planning goals, serving the environment, accessibility and mobility, economic prosperity, safety, maintained infrastructure, great places, and resilience.

Central Staff will continue to inform regional decision-making by developing and applying a comprehensive set of data, analytical tools, and reports to monitor performance measures; cooperatively developing targets that assess and support progress toward achieving national and regional goals; evaluating progress toward meeting established targets; and incorporating feedback to develop future targets. Both federally required (national) and complementary (regional) performance measures will be used. In addition, staff will coordinate on additional project level (local) performance measures as warranted.

Staff, with consultant support, will refine the NJTPA Regional Capital Investment Strategy (RCIS), enhancing its connection to performance-based planning and programming, and review best practices for evaluating the impacts of implemented and planned strategies.

Communicating about the NJTPA performance-based processes (in conjunction with Task 702) will support engagement of Board members, stakeholders and the public as recommended in the most recent NJTPA federal certification review. Considering the effectiveness of implemented strategies in conjunction with RCIS enhancement relates to another certification review recommendation.

Continuing Long-Term Core Task Activities

- Coordinate with partners to set targets (on national measures by dates required by regulations; on regional measures as appropriate). Report on progress toward meeting targets. Coordinate with partners and stakeholders to identify additional regional and local performance measures.
- Support integration and use of performance measures and targets in other NJTPA and partner efforts.
- Maintain and enhance the NJTPA online performance measures dashboards, reports, fact sheets, and other easy-to-understand creative techniques to assist the Board, other staff, partner agencies, and the public in interpreting analytical findings.

SYSTEMS PLANNING, MODELING AND DATA

23/201 PERFORMANCE MEASURES AND DATA (Cont.)

- Research/identify emerging data sources, developing capabilities to apply new data as applicable. Explore/develop creative ways to communicate technical work, including dashboards, web portals, publications, and other communication and education materials.
- Update and coordinate updates for NJTPA web pages and social media postings related to Systems Planning tasks.
- Collect/analyze data to calculate/track performance measures; research/develop/apply techniques for forecasting measures, as available and appropriate.
- Maintain and enhance the RCIS, reviewing connections to national, regional, and local performance measures and the state capital investment strategy.
- Continue to enhance both the system performance report (a key element of the LRTP) and the TIP appendix that discusses performance measures, targets, and the anticipated impacts of the TIP.

New Task Activities and Timelines for Completion

- Consultant Activity: RCIS Refinement and Strategy Effectiveness (June 2023)

Products

- National and regional performance measures and targets as required and appropriate—enhanced reports, dashboards, and other communication methods; consideration of regional targets; monitoring of target attainment and feedback; and Board actions.
- Documentation of coordination on urbanized area (expanding to two additional urbanized areas), state, and regional performance targets; assessment of progress.
- Reports (as needed) on the RCIS, data analysis, and System Planning website updates.

Task Manager

Keith Miller

973-639-8444

kmiller@njtpa.org

Contractual/Consultant Activity

RCIS Refinement and Strategy Effectiveness

Task Number

23/201-01

Description

A consultant will be engaged to assist in the NJTPA the refinement of the RCIS, focusing on connecting

SYSTEMS PLANNING, MODELING AND DATA
23/201 PERFORMANCE MEASURES AND DATA (Cont.)

it to performance-based planning and programming, and communicating it to decision-makers and the public.

The consultant effort will begin with a review of the literature and national best practices for evaluating the impacts of implemented and planned strategies. These impacts may be measured qualitatively or quantitatively, and the associated performance measures may or may not be the same as those contained in either the national performance measures or NJTPA’s regional performance measures. However, the consultant will relate any new local performance measures to one or more of the existing measures, focusing on the expected direction of change in the national/regional measures with any given change in the local measure.

Assuming that the literature review yields a good sampling of strategy impacts, the consultant will then attempt to tailor the assessment of strategy impact to the NJTPA region. As part of this effort, they should develop guidance on appropriate data collection and tracking efforts, in order to help establish a practice for periodic assessment of the effectiveness of implement strategies (a USDOT certification review recommendation).

Finally, the consultant will build on the interactive RCIS web application (using ArcGIS Hub, StoryMap, or similar technology) initiated by NJTPA Central Staff during FY 2022. This application will display and allow the user to navigate the various elements of the RCIS, including investment categories, principles, and guidelines. The consultant will weave the various elements explored during this effort into the web application, and make additional usability enhancements.

Products

- Literature/best practices review of strategy impacts
- Strategy effectiveness assessment tailored as possible for NJTPA region
- Analysis of historic TIP programming databases
- Enhancement of ArcGIS Hub/StoryMap (or similar) site

Schedule

Two Fiscal Year Effort

Project Manager

Keith Miller

Project Cost

Task Activity	Budget Line Item	Total
Performance Measures and Data	Central Staff	\$ 335,866

SYSTEMS PLANNING, MODELING AND DATA
23/201 PERFORMANCE MEASURES AND DATA (Cont.)

Task Number 23/201-01

RCIS Refinement and Strategy Effectiveness	Consultant	\$ 200,000
--	------------	------------

SYSTEMS PLANNING, MODELING AND DATA

23/202 MODELING AND FORECASTING

Goals

This task aims to inform planners and decision-makers with analytical insights regarding the region's current and future travel patterns, markets, and demographic and employment trends. It also seeks to explore ranges of future scenarios, considering the potential impacts of transportation investments, land use changes, technology advances and other important factors for regional transportation planning decisions.

Description

This task involves managing, applying, and enhancing modeling capabilities as well as educating about the NJTPA's transportation model. In partnership with NJDOT and NJ TRANSIT, the NJTPA maintains the Enhanced North Jersey Regional Transportation Model (NJRTM-E) and this task supports its use throughout the region (particularly with partner agencies and subregions). The NJRTM-E is applied in efforts such as: analyzing CMP priorities; corridor and subregional studies; air quality conformity; performance measures and targets; and scenario planning. During FY 2022, the NJTPA began a revalidation project to extend the life of the NJRTM-E and allow time to better understand the transportation impacts of the COVID-19 pandemic. This effort will conclude this fiscal year with a fully validated model that incorporates Census 2020 geographic boundaries and results.

This task also maintains and updates the NJTPA's demographic and employment forecasts. This relies significantly on interagency coordination to ensure consistent forecasts for the entire New York/New Jersey metropolitan area. During the latter part of FY 2023, the NJTPA expects to start the process for updating forecasts for the 2025 LRTP.

The NJTPA also works with partner agencies in the entire New York/New Jersey metropolitan area when conducting household travel surveys. NJTPA staff will participate in a committee consisting of regional agencies to plan for the next survey effort, anticipated to begin during FY 2024.

This task maintains and develops other models and tools for analysis as well. The NJTPA maintains a road and bike path network defining a "level of comfort" index for bicyclists, an NJRTM-E application that connects to FHWA's Exploratory Modeling and Analysis Tool (EMAT) used for exploring the interrelationships of transportation and travel behavior and a Small Area Land Use Impact Tool (SALUIT). The NJTPA will continue to explore other tools which help address future planning concerns such as support for active transportation and the impacts of automated vehicle technology.

Continuing Long-Term Core Task Activities

- Maintain and report on demographic and employment forecasts as needed and support efforts to update the forecasts for the next long range plan.
- Participate in preparations for the next multi-year, consultant-supported New York/New Jersey regional household survey, which is anticipated to be led by NYMTC.
- Coordinate with partner agencies and subregions on modeling issues, tools, application, training,

SYSTEMS PLANNING, MODELING AND DATA

23/202 MODELING AND FORECASTING (Cont.)

documentation and other modeling needs to enable broad application as needed.

- Support efforts related to federal requirements for calculating present and future performance measures.
- Maintain and provide analytical support for modeling tools including the bicycle level of compatibility network, exploratory modeling capabilities using EMAT and SALUIT.
- Perform model runs and report on findings for selected issues, subarea corridors, or transportation studies as needed.

Continuing Short-Term Task Activities and Timelines for Completion

- Support the completion of validation efforts of the NJRTM-E, including output review, managing TAC project support, and final documentation review. (June 2023).
- Coordinate on the multi-year consultant-assisted Trans-Hudson Bus Origin-Destination Survey (Phase III: June 2023).

Products

- Model updates, analysis and reporting for efforts such as: CMP, LRTP, performance measure monitoring, forecasting and target setting, visualization tools, project development, corridor studies, subregional studies, and other appropriate studies as needed.
- Fully validated base year NJRTM-E with updated documentation.

Task Manager

Bob Diogo

973-639-8409

diogo@njtpa.org

Contractual/Consultant Activity

Trans-Hudson Bus Survey Phase III

Task Number

23/202-01

Description

The NJTPA has teamed with NJ TRANSIT and the Port Authority to sponsor a Trans-Hudson Bus Survey for interstate bus routes.

This study will execute an origin-destination rider survey for Trans-Hudson buses into Manhattan. This will include both NJ TRANSIT routes and private carrier routes that use the Port Authority Bus Terminal (PABT), George Washington Bridge Bus Station and other curbside Manhattan locations (e.g.,

SYSTEMS PLANNING, MODELING AND DATA
23/202 MODELING AND FORECASTING (Cont.)

the Hudson River Ferry Terminals). The survey will also include intra-Jersey riders that use NJ TRANSIT Trans-Hudson buses.

While NJ TRANSIT will take the lead role in this effort, including the development of the survey plan (with a sampling plan, survey form and collection methodology) and administration of the survey project, NJTPA involvement will include appropriate representation on the project’s Technical Advisory Committee (TAC).

This is a multi-year study that will be completed in FY 2024. In FY 2022, preparations began, including drafting and executing a funding agreement between NJTPA and NJ TRANSIT. NJ TRANSIT also solicited for consultant support with NJTPA involvement through TAC representation. NJTPA funding will be authorized annually in separate phases. Delays, partially due to the pandemic, pushed the start of the survey work to FY 2022 (originally scheduled for FY 2021). FY 2022 work will consist of survey preparation, and report mockup tasks. FY 2023 work is expected to include survey data collection and preliminary data analysis.

Products

- Collected survey data

Schedule

One Fiscal Year Effort

Project Manager

Robert Diogo

Project Cost

Task Activity	Budget Line Item	Total
Modeling and Forecasting	Central Staff	\$ 343,351

Task Number 23/202-01

Trans-Hudson Bus Survey Phase III	Subrecipient	\$ 250,000
-----------------------------------	--------------	------------

SYSTEMS PLANNING, MODELING AND DATA

23/203 CONGESTION MANAGEMENT PROCESS

Goals

This task should result in a maintained performance-based analysis, refined as appropriate to underpin the NJTPA CMP and inform the metropolitan planning process. The analysis should help to assess the movement of persons and goods, consider how effectively the multimodal system provides accessibility, and identify beneficial strategies for improvement. The goal is to assist decision-makers in advancing projects and programs toward implementation. Coupled with actions generated in complementary processes, CMP findings should ultimately support livability and sustainability, economic development, land use, regional equity, and quality of life.

Description

The CMP addresses accessibility, mobility and congestion in the broader planning process. It informs the LRTP and serves as an important basis for project and program development. CMP analysis identifies locations that warrant further attention and development of improvements.

The task continues to build upon the Accessibility and Mobility Strategy Synthesis effort, which concluded in FY 2021, by further refining particular needs and strategies suitable for generating implementable actions. Additional data from appropriate sources will be applied, such as travel demand, facility operation, contextual land use and demographics, and other factors. Equity will remain an integral consideration, as will the overall context of varied travel markets and place types, along with additional analysis of the American Community Survey and Census 2020 to build upon the study's findings. Priorities from the RCIS, LRTP, regional performance measures and targets, freight analysis, and others studies will be incorporated as appropriate.

This task will support additional continuing analysis concerning strategies suggested by the Accessibility and Mobility Strategy Synthesis, including screening for suitability of some of the following: transit enhancements, first-mile/last-mile improvements, transit supportive roads, and road improvements. Appropriate methods for these analyses will be determined using available data. These analyses will be used to support implanting study recommendations or new strategies based. It can also be used as the basis for programs to implement strategies in the future.

A CMP pipeline concept (in conjunction with Task 204) will include subregional and partner outreach to focus this refinement, providing candidates for existing and potentially new program tracks. Pipeline development will recognize supportive parameters and constraints that relate to successful future projects. Complementary strategies will be bundled together as appropriate, and recognition of existing projects and programs will be considered.

Continuing Long-Term Core Task Activities

- Convene CMP Working Group of subregions and partners and continue to coordinate with other internal and external groups concerning transportation needs, strategies, and projects.
- Identify and refine additional regional needs and suitable strategies as they become evident, applying data and tools to assess performance, identify needs and strategies, and explore impacts,

SYSTEMS PLANNING, MODELING AND DATA

23/203 CONGESTION MANAGEMENT PROCESS (Cont.)

coordinating as necessary.

- ♦ Prepare findings suitable to project and program development, including with entry into PRIME.

Continuing Short-Term Task Activities and Timelines for Completion

- ♦ Identify practical considerations for strategy advancement, including potential funding streams, institutional roles, and local engagement. (October 2022)
- ♦ Coordinate with subregions to identify combinations of needs and strategies that could be prioritized for future projects and assist with the development of program applications. (December 2022)
- ♦ Compose register of relevant project ideas based on synthesis, continuing input and projects advanced through CMP project pipeline. (March 2023)

New Task Activities and Timelines for Completion

- ♦ Conduct further screening analysis for strategy implementation using available data and draft potentially viable programs for implementation where appropriate. (June 2023)
- ♦ Conduct additional equity research based on available data and products, synthesizing findings relevant to regional needs. (June 2023)

Products

- ♦ Documented coordination on analysis, via meetings, workshops and presentations.
- ♦ Analytical report on CMP outcomes including needs, strategies, and equity data.
- ♦ Results from continuing equity analysis of available data.
- ♦ Maps and documentation on strategy oriented data analysis.

Task Manager

Eugene S. McGuinness

973-639-8400

emcguinness@njtpa.org

SYSTEMS PLANNING, MODELING AND DATA
23/203 CONGESTION MANAGEMENT PROCESS (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Congestion Management Process	Central Staff	\$ 310,707

SYSTEMS PLANNING, MODELING AND DATA 23/204 PERFORMANCE BASED ADVANCEMENT

Goals

This task seeks to create connecting steps in the planning and programming process to support the development of planning activities, projects and programs that are grounded in NJTPA policy goals and systematic data-driven analysis. It should lead to more deliberative and efficient decisions, considering desired performance outcomes for the region.

Description

This task focuses on strategically advancing the NJTPA, subregional and partner agency planning findings from analysis into viable planning and project pipelines. This involves both technical support for NJTPA, subregion and partner agency planning studies and working cooperatively with decision-makers, planning partners and stakeholders to identify resources and opportunities to advance planning recommendations toward implementation.

This task includes using performance-oriented features that are consistent with one another (such as categories, performance measures, strategy assessments, contextual considerations or applied data) and will seek to integrate the results of the recent Accessibility and Mobility Strategy Synthesis to upgrade the CMP and review procedures and processes. To foster greater understanding of actual impacts of prior strategies, approaches identified in Task 201 will be considered regarding the impacts of strategies such as roadway and public transit enhancements and others as feasible.

The NJTPA will complete and deploy the updated PRIME online system for cataloging and searching planning study findings. With improved data entry and a streamlined interface, support for expanded use by NJTPA and partner agency staff will continue. PRIME is a key resource intended to support collaborative planning, share and leverage CMP results and identify concepts for advancement to projects. Ongoing management and addition of data in PRIME will continue, as will reporting of findings in the system as a foundation for further refinement or problem statement development.

Continuing Long-Term Core Task Activities

- ♦ Support integration of performance-based products in appropriate NJTPA and partner planning and project development activities. Review proposed projects considered by the NJDOT Capital Program Screening Committee (CPSC) and other venues, documenting consistency with the CMP and other performance-based analyses.
- ♦ Support performance-driven actions within TNJ task forces, including workshops and product development.
- ♦ Continue to support PRIME data entry and report generation, conduct training and assess ongoing user experience to determine needs for further system refinements or adjustments. Define PRIME requirements for subregional studies, TMA activities and other programs as needed. Explore potential for providing public access and expanding PRIME coverage and use beyond the NJTPA region as a future enhancement.
- ♦ Update NJTPA web pages related to performance-based planning and programming efforts.

SYSTEMS PLANNING, MODELING AND DATA

23/204 PERFORMANCE BASED ADVANCEMENT (Cont.)

- Participate in interagency working groups and activities, including the NJDOT Complete Team regarding problem statement development and partner committees conducting research (such as on advanced emerging technologies).
- Draw from PRIME to support collaborative scoping and project development, review of planning context, and identification of recommendations for advancement toward implementation.
- Report to and engage RTAC, standing committees and partner agencies on advancement activities.

Continuing Short-Term Task Activities and Timelines for Completion

- Complete the PRIME 2.0 upgrade in coordination with Task 802 (June 2023).
- Manage the NJTPA review of the NJDOT State Planning and Research/Management System Work Program. (September 2023)
- Produce PRIME annual summary report. (June 2024)

New Task Activities and Timelines for Completion

- In conjunction with Task 203, incorporate findings from the Accessibility and Mobility Strategy Synthesis to help update procedures and guidance used to conduct CMP study reviews. (June 2024)
- Encourage broader access to, use of and applications for Accessibility and Mobility Strategy Synthesis strategy evaluation findings by partners and subregions to better support study and project scoping.
- In conjunction with Task 201, strengthen the application of the RCIS and research on transportation strategy effectiveness in advancing planning and project initiatives. (June 2024)

Products

- Updated and enhanced CMP-based study and planning review procedures and guidance.
- Documented reviews of advancing FY 2023 NJDOT projects; new NJDOT problem statements as appropriate.
- NJTPA comments on the NJDOT CY 2023-2024 Year 1 State Planning and Research Program.

Task Manager

Jeffrey Vernick

973-639-8429

jvernick@njtpa.org

SYSTEMS PLANNING, MODELING AND DATA
23/204 PERFORMANCE BASED ADVANCEMENT (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Performance Based Advancement	Central Staff	\$ 317,464

SYSTEMS PLANNING, MODELING AND DATA

23/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS

Goals

The desired outcome of air quality planning is a healthier environment within and beyond the northern New Jersey region, including cleaner air and the attainment of the National Ambient Air Quality Standards (NAAQS). The goal of this task is to support plans and programs that result in reduced air pollutant emissions. As a fundamental federal requirement for northern New Jersey, an ongoing successful conformity process in which the NJTPA's LRTP and TIP meet conformity requirements, enables the region to receive and apply federal dollars for transportation improvements.

Description

Portions of the NJTPA region are classified as nonattainment for ozone (8-hour ozone standard), and maintenance for fine particulate matter (PM_{2.5}, both daily and annual) and carbon monoxide (CO). A federally mandated activity, this task assesses the air quality impacts of projects in the LRTP and TIP. The NJTPA analyzes projected travel and associated vehicular pollutant emissions against pollutant budgets set out in the New Jersey State Implementation Plan (SIP). The air quality conformity process requires ongoing and close coordination among partner agencies. The NJTPA maintains an active Interagency Consultation Group (ICG), comprised of members of the U.S. Environmental Protection Agency, NJDOT, NJ TRANSIT, NJDEP, FHWA and FTA, along with neighboring MPOs. In order to respond to anticipated regulatory changes and possible changes in the TIP delivery schedule, consultant support for this task will cover the FY 2023 and FY 2024 technical analyses needed for the conformity determination(s).

The NJTPA will support the Transportation Clean Air Measures (TCAM) projects primarily with Congestion Mitigation and Air Quality Improvement (CMAQ) funds but will also draw upon other funding opportunities where possible. Projects will address priorities in federal law such as PM_{2.5} reduction, congestion relief, diesel retrofits and replacements, and innovative technologies. The NJTPA will also continue to focus on the implementation of TCAMs previously approved by the NJTPA Board using FY 2024-2026 CMAQ funds. The NJTPA will continue to refine efforts to comply with the Federal authorization process through continuous outreach to NJDOT and TCAM fund recipients. The NJTPA will report on the impacts of TCAM projects and the overall CMAQ program as required.

Continuing Long-Term Core Task Activities

- Continue to work with existing partners and engage new partners to identify new TCAM projects through innovative outreach methods. Research FHWA CMAQ Database for project trends. If necessary, find alternative funds for air quality (TCAM) projects.
- Coordinate and support public and private sector partners as they implement NJTPA Board approved TCAM projects. Continue to improve upon the authorization process with enhanced communications with NJDOT and project sponsors.
- Conduct air quality emissions analyses of transportation plans and programs and develop the conformity determination.
- Support reporting on the impacts of TCAM projects, the NJTPA's overall CMAQ program and

SYSTEMS PLANNING, MODELING AND DATA

23/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS (Cont.)

the CMAQ Performance Plan.

- Review, classify and vet all TIP amendments through the ICG to ensure that federal air quality conformity regulations are followed.

Continuing Short-Term Task Activities and Timelines for Completion

- Update the on-road mobile Green House Gas (GHG) emissions and forecasts in the NJTPA's GHG Inventory by preparing Motor Vehicle Emission Simulator (MOVES) inputs to estimate annual on-road GHG emissions for 2024, 2030, 2040 and 2050. Explore target setting for GHG. (June 2024)

Products

- Conformity determination for the FY 2024 TIP and LRTP, and as required
- GHG Inventory
- Annual status report on local and regional TCAMs including final reports from project sponsors of completed projects

Task Manager

Liz DeRuchie

973-639-8446

liz@njtpa.org

Contractual/Consultant Activity

FY 2023 Air Quality Conformity Analysis and GHG Inventory

Task Number

23/205-01

Description

The consultant will perform the air quality emissions analyses in support of NJTPA conformity determination(s). This involves attending key interagency meetings and public workshops, collecting required socioeconomic and demographic information and coding regionally significant projects into the model. The consultant will run the NJRTM-E travel demand model, the pre and post processing models and USEPA's required emissions model. They will generate emissions results for the required criterion pollutants, for each horizon year and each required county. The emissions analyses must be performed for the following pollutants: volatile organic compounds (VOCs), nitrogen oxides (NOx) and PM2.5. This consultant activity will cover any and all required conformity analyses, including the conformity determination for TIP adoption, the LRTP update and any others as needed (such as for TIP amendments or regulatory changes).

SYSTEMS PLANNING, MODELING AND DATA

23/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS (Cont.)

The NJTPA has completed several GHG inventories to quantify the amount and types of gases emitted in the region. This update will assist the subregions and the NJTPA in understanding the sources of GHG emissions so that solid policy decisions can be made to reduce them. The updated GHG inventory and forecast will estimate emissions from all major sectors, including: fuel consumption and electricity use in the residential, commercial and industrial sectors; transportation related emissions from on road, non-road, aviation, marine and rail transportation sectors including freight; industrial processes; agricultural sources, including soils, manure and livestock; waste management; and land use, land use changes and forestry.

Products

- Preparing NJRTM-E inputs (collecting socioeconomic and demographic data, coding regionally significant projects) and performing NJRTM-E runs for required analysis years. Pre and post processing of NJRTM-E output (e.g., using PP SUITE software) to assemble model data in USEPA required MOVES formats, and running the MOVES emissions model as appropriate to estimate emissions for each scenario year, for ozone precursors and fine particulate matter.
- Technical memoranda documenting all model inputs and runs, emissions results contrasted with all SIP budgets for all pollutants by scenario year and by required county and transmission of all MOVES files and runs to USEPA for verification and replication.
- Document the technical process and the network modeling output and summarize emissions by pollutant and county for appropriate time periods.
- Inventory for the six primary GHG gases — carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulfur hexafluoride (SF₆), hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs) — estimating GHG emissions using direct, consumption, and energy cycle methodologies.
- Meeting support and on-call training.

Schedule

Three Fiscal Year Effort

Project Manager

Liz DeRuchie

Project Cost

Task Activity	Budget Line Item	Total
Air Quality Planning and Conformity Analysis	Central Staff	\$ 351,915

SYSTEMS PLANNING, MODELING AND DATA
23/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS (Cont.)

Task Number 23/205-01

FY 2023 Air Quality Conformity Analysis and GHG Inventory	Consultant	\$ 500,000
---	------------	------------

SYSTEMS PLANNING, MODELING AND DATA

23/206 GIS, DATA RESOURCES AND PLANNING TOOLS

Goals

Strengthen the NJTPA's role as a technical and informational resource for northern New Jersey transportation planning activities and continue to enhance partnering and collaborative activities with citizens, local governments, MPOs, transportation and operating agencies. Continue as a regional resource for geospatial transportation data.

Description

This task includes maintaining a regional databank for all transportation and related data. These various data sources are currently available in an enterprise - geographic information system (EGIS) database. EGIS allows for an efficient response to data requests. Maps, tables and datasets are made accessible to staff, partner agencies, subregions and the general public. Project deliverables are reviewed for compliance with NJTPA EGIS standards.

This task also includes research, development and maintenance of planning tools, such as the Esri ArcGIS Hub, that allow for visualization and analysis of both spatial and non-spatial data in support of NJTPA transportation planning activities. ArcGIS Hub is an easy to configure community engagement platform that organizes people, data and tools through information-driven initiatives. This task facilitates the integration of transportation, land use and environmental information into NJTPA's data-driven planning process as well as expanding the use of ArcGIS Hub.

Continuing Long-Term Core Task Activities

- ♦ Develop and maintain data inventory of Title VI and environmental justice variables such as concentrations of poverty, low income and minority areas, people with disabilities, people with limited English proficiency, adverse environmental impacts disproportionately facing some communities, mobility barriers, lack of access to opportunities and climate change impacts. Collect data and update using various methods and locations.
- ♦ Fulfill internal and external data and mapping requests on an as-needed basis, including preparing maps, tables and charts for publications, reviewing project deliverables, and employing GIS and other visualization techniques as appropriate.
- ♦ Identify, research and develop visualization and analytical planning tools to support planning activities. Continue to offer ESRI GIS training for Central Staff and subregional partners.
- ♦ Acquire, process and upload new datasets into the regional databank as appropriate including NJTPA EGIS and Open Data Portal maintenance and updates.

Continuing Short-Term Task Activities and Timelines for Completion

- ♦ Present innovative planning and analytical tools being developed, deployed or used for transportation planning purposes at the annual Planning and Analytical Tools Showcase (June 2023).

SYSTEMS PLANNING, MODELING AND DATA

23/206 GIS, DATA RESOURCES AND PLANNING TOOLS (Cont.)

New Task Activities and Timelines for Completion

- Develop a Pedestrian Safety Initiatives Hub site. The site will include NJTPA safety projects, programs, studies, a performance measure dashboard and an interactive vehicular and pedestrian crash analysis tool using data from NJDOT's Safety Voyager tool. The project will be lead by a team of NJTPA safety subject matter experts.

Products

- Agenda and content for the Planning and Analytical Tools Showcase.
- Updated ArcGIS Hub initiative sites.
- Safety Initiatives Hub Site.
- Updated Title VI and Environmental Justice database and maps.

Task Manager

Gabrielle Fausel

973-639-8416

gfausel@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
GIS, Data Resources and Planning Tools	Central Staff	\$ 330,791

SYSTEMS PLANNING, MODELING AND DATA

23/207 TRANSPORTATION TECHNOLOGY FOR PLANNING AND OPERATIONS

Goals

To align the needs of operations and planning with partner agencies in the NJTPA region. To monitor and plan for the integration of new technologies such as CAV, intelligent transportation and cyber security and look for ways to incorporate them into the planning process.

Description

Advancing ITS Architecture will continue with innovative approaches to improving system reliability, as appropriate, drawing from studies and partnerships. ITS projects may include but are not limited to traffic signal optimization/adaptive traffic signals, transit signal priority, local Traffic Operations Center (TOC) hardware and software deployment, connected and autonomous vehicle research, using operations data for planning, data integration, and implementing traveler information strategies.

Continuing Long-Term Core Task Activities

- Support advancing and maintaining the NJ ITS Architecture through the deployment of local ITS, adaptive signal and signal optimization projects. Support subregional partners by coordinating with NJDOT on technology and Local Aid project authorization. Represent NJTPA at ITS NJ meetings and collaborate with partner agencies. Support subregions with ITS planning. Lead NJTPA ITS efforts as the subject matter expert.
- Investigate impacts of emerging technologies, such as CAVs and connected infrastructure, on the transportation planning process. Support pilot CAV applications, provide information and support studies and investments at the subregional level. Pursue public and private sector partnerships to support CAV growth in the NJTPA region.

Continuing Short-Term Task Activities and Timelines for Completion

- Facilitate deployments of traffic signal optimization technology along local corridors and support the signal projects funded through NJTPA-administered grants, such as CMAQ (June 2023).
- Continue working data sets to help identify traffic signal locations and isolate areas and corridors where intelligent traffic signal optimization can best improve air quality, safety and provide congestion relief. The product will help identify corridors that will benefit from signal optimization and improve the project authorization process (June 2023).

New Task Activities and Timelines for Completion

- Develop a Connected and Autonomous Vehicle Readiness Study to explore the NJTPA region's preparedness for supporting these technologies from a policy and infrastructure perspective. (June 2023).

Products

- Support the use and maintenance of NJDOT's ITS Architecture, including The Connected Corridor. Enter completed and planned ITS projects in the NJTPA region into the ITS Architecture online

SYSTEMS PLANNING, MODELING AND DATA

23/207 TRANSPORTATION TECHNOLOGY FOR PLANNING AND OPERATIONS (Cont.)

database.

- Manage the Local ITS Deployment Program. Authorize and complete ITS/adaptive and optimized signal projects from NJTPA's TCAM program.
- Connected and Autonomous Vehicle Readiness Study final report.

Task Manager

Richard Cippoletti

973-6398435

rcippoletti@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Transportation Technology for Planning and Operations	Central Staff	\$ 365,216

REGIONAL PLANNING

REGIONAL PLANNING

23/301 LONG RANGE PLANNING

Goals

The goal of this task is to promote and implement Plan 2050: People, Transportation, Opportunity, that was adopted by the Board of Trustees in September 2021, and to begin development of the next LRTP update, anticipated to be adopted in FY 2026.

Description

This task will coordinate intra- and inter-agency efforts to promote and implement Plan 2050: Transportation, People, Opportunity and start development of the next LRTP. This includes exploring and refining broad themes and coordinating with other tasks, such as Task 302 (Planning Studies), Task 201 (Performance Measures), Task 501 (TIP Development) and Task 701 (Outreach). In addition, inputs and results of other NJTPA planning efforts and those conducted by regional and state agencies and entities are coordinated with and contribute to the LRTP.

Continuing Long-Term Core Task Activities

- Participate in interagency and regional planning and collaboration to address broad and emerging planning and transportation issues to support the next LRTP update.
- Collaborate with the Systems and Capital Programming Divisions and other Central Staff on the Long Range Transportation Plan, Performance Measures, and other ongoing programs.

Continuing Short-Term Task Activities and Timelines for Completion

- Support NJDOT and NJ TRANSIT in developing the Long Range Statewide Transportation Plan(LRSTP). This includes collaboration and public involvement activities and other support as requested. (June 2023)
- Outreach and coordination to implement Plan 2050 strategies and policies. (June 2023)

New Task Activities and Timelines for Completion

- Coordinate and support the development of the statewide Rail Plan.

Products

- A briefing paper to support the LRTP update.

Task Manager

Peter Zambito

973-735-6353

pzambito@njtpa.org

REGIONAL PLANNING
23/301 LONG RANGE PLANNING (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Long Range Planning	Central Staff	\$ 298,782

REGIONAL PLANNING

23/302 PLANNING STUDIES

Goals

This task conducts multimodal localized and regional planning analysis, interagency collaboration and outreach in support of the LRTP.

Description

This task encompasses collaboration, research and analysis to identify and define multimodal transportation planning issues and needs of regional importance that advance the LRTP goals and strategies. Collaboration with partner agencies such as NJ TRANSIT and NJDOT on their studies is also part of this task. Targeted bicycle and pedestrian planning is included in this task. The purpose of these studies is to define and clarify opportunities that can lead to policies and investments. These studies can address a wide range of issues such as safety, infrastructure conditions, system connectivity, resiliency, transit needs, or economic vitality. Partner agency and public involvement are integral to these efforts. Efforts to advance study recommendations through the PRIME database or project development pipelines are part of this task.

More information on NJTPA planning studies can be found at www.njtpa.org/Planning/Regional-Programs/Studies.aspx. For information on bicycle and pedestrian initiatives, visit www.njtpa.org/Planning/Regional-Programs/Bicycle-Pedestrian.aspx.

Continuing Long-Term Core Task Activities

- Develop multimodal, multi-agency planning study work programs that address regional needs. Participate in studies led by subregions, Central Staff, or partner agencies.
- Lead a broad intra-agency task force to develop protocols and guidance to implement Title VI.
- Advance plan recommendations into an appropriate development pipeline. This could mean incorporating study recommendations into PRIME, for example.
- Engage in regional and subregional bicycle and pedestrian planning initiatives, including support for the completion of the East Coast Greenway, Morris Canal Greenway, 9/11 Memorial Trail and other trail networks. This includes attending NJ Bicycle and Pedestrian Advisory Council, East Coast Greenway Alliance, the NJ Bicycle and Pedestrian Safety Council, or other pedestrian or bicycle-focused meetings and forums.

Continuing Short-Term Task Activities and Timelines for Completion

- Work with Local Project Development (Task 23/602) to further develop a database of trail and road intersections and identify their safety features. This database can be used to develop a systemic improvement project using Highway Safety Improvement Program funding at crossings. (June 2023)
- Contribute technical and planning expertise to Pedestrian Counts in NJTPA Region consultant assistance efforts led by Local Project Development (23/602).(June 2023)

REGIONAL PLANNING
23/302 PLANNING STUDIES (Cont.)

New Task Activities and Timelines for Completion

- Design a new technical assistance initiative to support trails development.

Products

- Final Report and deliverables for the regional Active Transportation Plan (ATP).
- Annual summary of Title VI Task Force meeting notes.

Task Manager

Keith Hamas
973-639-8420
khamas@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Planning Studies	Central Staff	\$ 213,383

REGIONAL PLANNING

23/303 SAFETY PLANNING

Goals

The goal of this task is to reduce traffic fatalities and serious injuries for all users on public roads using a data-driven approach that incorporates the four Es (education, enforcement, engineering, and emergency services).

Description

This task supports the implementation of the SHSP, adopted in August 2020, by advancing its safety strategies at the regional and subregional level. Central Staff will coordinate with partners to continue or expand existing safety strategies or initiate new ones to implement the plan's Towards Zero Deaths vision. Staff will continue to coordinate data-driven approaches to safety related performance measures, local programs and multimodal planning initiatives. For more information on NJTPA's safety initiatives visit <https://njtpa.org/Planning/Regional-Programs/Safety.aspx>.

Staff will coordinate with partners to continue to build on the successes of the NJTPA's Street Smart NJ pedestrian safety education and enforcement program and coordinate with other NJTPA initiatives, including the Local Safety Program (23/602) and the Transportation Management Associations work programs (23/305). For more information on Street Smart NJ, visit <http://bestreetsmartnj.org/>.

Continuing Long-Term Core Task Activities

- Implementing SHSP strategies and work toward reaching plan goals. This includes leading and participating in emphasis area teams and the steering committee.
- Coordinate with NJDOT, planning partners, and the Statewide Traffic Records Coordinating Committee (STRCC) to improve safety data quality (an SHSP Emphasis Area).
- Support Street Smart NJ, particularly tying it to other safety programs and initiatives, including performance-based statewide implementation (a SHSP priority action), and providing support for technical analyses.
- Conduct data analysis and collaborate with subregions and planning partners in support of safety initiatives.
- Convene the Safety and Data Management Task Force to coordinate internal and external efforts towards SHSP implementation and information sharing.

Products

- Reports, initiatives or completed actions supporting the 4E's and SHSP implementation.
- Annual summary of Safety and Data Task Force notes.

REGIONAL PLANNING
23/303 SAFETY PLANNING (Cont.)

Task Manager

Keith Hamas
973-639-8420
khamas@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Safety Planning	Central Staff	\$ 268,621

REGIONAL PLANNING

23/304 SUBREGIONAL PASS THROUGH PROGRAMS

Goals

The goal of this task is to administer the annual STP and SSP programs.

Description

This task provides for administration of the STP program, which is a pass-through program to fund subregional transportation planning activities in support of the metropolitan planning process. Participation in this annual program is mandatory for subregions to be eligible to receive federal planning funds. STP work programs advance FHWA and NJDOT priorities for MPOs and LRTP goals.

This task also provides for administration of the federally funded SSP, including a systematic process for study selection and on time delivery of studies within budget. The SSP provides technical and financial assistance to subregions on a competitive basis to conduct studies and to develop recommendations to address important local mobility and accessibility issues that have a regional impact. Through the application process, selected studies must demonstrate their relationship to FHWA and NJDOT priorities for MPOs and to LRTP goals.

A detailed program description is provided in Chapter II, along with the subregional work programs and SSP project descriptions.

Continuing Long-Term Core Task Activities

- Administer the FY 2023 STP Program, including review of quarterly and final subregional progress reports and preparation of quarterly regional reports highlighting the activities accomplished by each subregion.
- In collaboration with other Central Staff divisions, review requests for FY 2023 STP Program Supplemental Support for compliance with program requirements.
- Administer the SSP and seek opportunities for project implementation, including the update and use of guidelines and sample documents as needed, as well as scheduling and conducting program coordination meetings.

Continuing Short-Term Task Activities and Timelines for Completion

- Administer the FY 2022-FY 2023 cycle of SSP studies including, but not limited to: tracking progress and budget, participating in technical advisory committees, reviewing and commenting on written products and other deliverables, interagency coordination, approving interim deliverables and final products and providing ongoing technical assistance to guide the progress of studies. (June 2023)

REGIONAL PLANNING

23/304 SUBREGIONAL PASS THROUGH PROGRAMS (Cont.)

New Task Activities and Timelines for Completion

- Conduct the FY 2024 STP Program solicitation process and prepare the STP work program for the FY 2024 UPWP, including preparation of a solicitation document and review of proposed subregional work programs. (October 2022)
- Conduct a solicitation for the FY 2024-FY 2025 cycle of SSP studies, including coordinating a proposal selection committee, providing feedback to subregions on proposals and recommending studies for inclusion in Chapter II of the FY 2024 UPWP. (March 2023)
- Issue the solicitation for the FY 2025-FY 2026 cycle of SSP studies for Chapter II of the FY 2025 UPWP. (June 2023)
- Administer the FY 2022-FY 2024 cycle of SSP studies including: tracking progress and budget, participating in technical advisory committees, reviewing and commenting on written products and other deliverables, interagency coordination, approving interim deliverables and final products, and providing ongoing technical assistance to guide the progress of studies. (June 2023)

Products

- STP and SSP regional quarterly reports
- FY 2024 STP Program solicitation and subregional work programs
- FY 2022 - FY 2023 SSP final reports
- FY 2024 - FY 2025 SSP studies for Chapter II of the FY 2024 UPWP
- FY 2025 - FY 2026 SSP solicitation

Task Manager

Peter Zambito

973-735-6353

pzambito@njtpa.org

REGIONAL PLANNING

23/304 SUBREGIONAL PASS THROUGH PROGRAMS (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Subregional Pass Through programs	Central Staff	\$ 566,813

REGIONAL PLANNING

23/305 MOBILITY PROGRAMS

Goals

Mobility Programs at the NJTPA support transportation options for all people, regardless of ability, income, or type of trip. This creates a more resilient and livable region while providing opportunity and quality of life for residents. This work strengthens the NJTPA's leadership position in transportation planning and raises public awareness of the organization's mission.

Description

This task provides oversight for the federally funded TMA work programs (Chapter III). This allows for continued work by TMAs to increase mobility options for the public, particularly in areas under-served by public transportation. This work includes coordination with TMA partners for implementing the Street Smart NJ pedestrian safety program (23/303) and for implementing the CHSTP. TMA Program oversight includes implementing the recommendations of the TMA Program Assessment completed in FY 2022, which seeks to align the NJTPA TMA Program with the LRTP and other regional planning initiatives.

This task will advance the implementation of the CHSTP to better meet the needs of the elderly, people with disabilities, low income residents and veterans for access to jobs, education, social support and other necessary services. The task will include creation of a briefing memorandum that updates the needs and recommendations of the regional CHSTP, in consultation with service providers, community representatives, and agency partners.

This task will continue to administer the Local Mobility Initiatives (LMI) program funded by the federal CMAQ program. The LMI program provides operating funds for new or expanded first-mile/last-mile transit shuttle services or capital support (as vehicle replacement) for existing services. NJ TRANSIT assists with scoring LMI grant applications and then administers the program to the successful applicants. In addition to managing grant applications, staff will serve as a technical resource to interested applicants, helping to guide applicants toward the creation of sustainable services that meet program goals.

This task will also continue to assist NJ TRANSIT in the selection of Section 5310 grants for transportation services for elderly and disabled residents and Job Access Reverse Commute (NJ-JARC) grants for connections to employment sites without transit.

These tasks and activities will be communicated to the public through updates to the NJTPA website.

Continuing Long-Term Core Task Activities

- Provide program management and oversight of the TMAs, including review of invoices and progress reports, development and monitoring of performance measures, coordination of TMA activities, rideshare system implementation, and attendance at TMA Board and other related meetings.
- Work to advance the recommendations of the regional CHSTP and the Transportation Demand

REGIONAL PLANNING

23/305 MOBILITY PROGRAMS (Cont.)

Management (TDM) and Mobility Plan in coordination with the subregions, TMAs and others.

- Participate in proposal selection and guidance for human services and workforce transportation programs, in coordination with NJ TRANSIT.
- Program management, oversight, and coordination of the TMA Program.

New Task Activities and Timelines for Completion

- Advance TDM and Mobility Plan recommendations. (June 2023)
- Develop a regional CHSTP briefing memorandum. (June 2023)
- Administer the LMI grant program, providing capital and operating support for first-mile/last-mile shuttle services. (June 2023)

Products

- Regional CHSTP Update Briefing Memorandum
- Solicitation for CMAQ-funded LMIs

Task Manager

Peter W. Bilton

973-639-8450

pbilton@njtpa.org

REGIONAL PLANNING
23/305 MOBILITY PROGRAMS (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Mobility Programs	Central Staff	\$ 401,952

REGIONAL PLANNING

23/306 ENVIRONMENTAL AND CLIMATE CHANGE PROGRAMS

Goals

The goal of this task is to understand, adapt, and mitigate environmental and climate change related impacts to the transportation system. Addressing how a changing climate threatens the region's transportation infrastructure also serves the NJTPA's goal of contributing towards a more livable and sustainable region.

Description

This task continues the NJTPA's leadership role in advancing resiliency planning that addresses the threats of extreme weather on the transportation system and applies the lessons learned from recent weather events and the results from prior studies including the Passaic River Basin Climate Resilience Planning Study. This task continues efforts to mitigate CO₂ and GHG from the transportation system and the associated negative effects of these pollutants on the environment by applying lessons learned from the Interagency Collaboration on Alternatively Fueled Vehicles Study. This work also advances New Jersey's goals to reduce GHG emissions as mandated in the Global Warming Response Act (GWRA), which the State Legislature adopted in 2007.

This task supports the NJTPA's GHG Inventory Update (Task 23/205).

Continuing Long-Term Core Task Activities

- ♦ Collaborate on interagency activities on the adaptation of the transportation system to weather events and climate change, including the NJDOT Resiliency Plan. Activities include seeking opportunities to advance previously identified strategies as adaptation measures, which may include those in the Passaic River Basin Climate Resilience Plan.
- ♦ Advance efforts to implement electric vehicle (EV) readiness planning, including developing information and other resources to support implementation at the local level.
- ♦ Provide technical assistance on EV readiness planning to subregions on an ongoing basis.
- ♦ Resiliency and other climate adaptation efforts in collaboration with federal, state, regional and subregional partners.
- ♦ Climate mitigation efforts at state and subregional levels, including providing information and technical support to further alternative fuel adoption and to advance other GHG mitigation measures.

REGIONAL PLANNING

23/306 ENVIRONMENTAL AND CLIMATE CHANGE PROGRAMS (Cont.)

Continuing Short-Term Task Activities and Timelines for Completion

- Collaborate on interagency activities on environmental and climate change mitigation, including working with the Board of Public Utilities, Sustainable Jersey, the New Jersey Climate Adaptation Alliance, NJ Department of Environmental Protection, Delaware Valley Regional Planning Commission and other partner agencies. Activities include facilitating the adoption of EVs and charging infrastructure. This task will also provide subregions with information from the NJTPA's GHG Inventory on-road sector, which can be used for planning efforts. (June 2023)

New Task Activities and Timelines for Completion

- Examine and report on the impacts of recent extreme weather events on mobility and critical transportation infrastructure in the NJTPA region. (June 2023)

Products

- Report on the impacts of recent extreme weather events on mobility and critical transportation infrastructure

Task Manager

Jennifer Fogliano

973-639-8403

jfogliano@njtpa.org

REGIONAL PLANNING

23/306 ENVIRONMENTAL AND CLIMATE CHANGE PROGRAMS (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Environmental and Climate Change Programs	Central Staff	\$ 218,121

REGIONAL PLANNING

23/307 LIVABLE COMMUNITIES PLANNING

Goals

The goals of this task are continue implementing the TNJ Plan and its vision for regional competitiveness, efficiency, livability and resiliency. This task also provides technical assistance to subregions and local governments to address transportation relate needs identified in Plan 2050, including complete streets. It also supports regional planning initiatives that enhance transit-oriented development, walking and bicycling.

Description

This task continues providing oversight and staff support for TNJ Plan implementation, with support from VTC at Rutgers University. (For more information on Together North Jersey visit www.togethernorthjersey.com.) This task will support implementation of the update to the TNJ Plan that will be completed in FY 2022 and Plan 2050.

This task continues the Planning for Emerging Centers program, which provides consultant and staff technical support to municipalities to conduct land use or redevelopment planning, zoning and other regulatory initiatives to support transit and pedestrian oriented development. Continuing in this task will be scope development for new studies that will occur with consultant support in FY 2023. This program is conducted in collaboration with NJ TRANSIT, NJDOT, the relevant subregions and other planning partners.

This task also includes the Complete Streets Technical Assistance program, undertaken with contractual support from VTC and the Sustainability Institute at the College of New Jersey. The third round of this program will continue to provide both training and technical assistance planning services to interested municipalities on a competitive basis. This effort will begin in the third quarter of FY 2022 and conclude in FY 2023 with products for up to eight municipalities in the NJTPA region.

Continuing Long-Term Core Task Activities

- Coordinate advancement and implementation of the TNJ Plan, including oversight of VTC's technical support for the four TNJ task forces, the community diversity study, the Local Technical Assistance Program and TNJ Training Institute events. This work includes staff support of task force activities and events. Staff will also conduct related work under various other UPWP tasks.
- TNJ Forum, task force meetings and activities, and Local Technical Assistance Program reports. TNJ Training Institute events.

Continuing Short-Term Task Activities and Timelines for Completion

- Manage the Planning for Emerging Centers Program consultant-supported municipal studies, including data collection and analysis, stakeholder and public outreach, and the completion of interim reports and draft recommendations.
- Manage the Complete Streets Technical Assistance Program to deliver training and services to municipalities in the NJTPA region. (June 2023)

REGIONAL PLANNING

23/307 LIVABLE COMMUNITIES PLANNING (Cont.)

Products

- Complete the procurement of professional services and initiate the Planning for Emerging Centers studies. (June 2023)
- Complete Streets Technical Assistance Final Reports. (June 2023)

Task Manager

Blythe Eaman

973-735-6356

beaman@njtpa.org

Contractual/Consultant Activity

FY 2023 TNJ Initiative Support

Task Number

23/307-02

Description

The NJTPA continues to work with VTC to advance the TNJ Plan recommendations and vision for the region. This includes advancing actions identified in the TNJ Plan through the task forces and other efforts. VTC will support the NJTPA in organizing and producing TNJ Forums and other events, such as TNJ Institute workshops.

The TNJ Plan was completed in 2015 following an extensive regional planning effort that brought together more than 100 partners — including NJTPA, VTC, NJ TRANSIT, the New Jersey Office for Planning Advocacy, NJTPA subregions, municipalities and a variety of other public, institutional and non-profit entities. This project, which began in 2012, was funded largely through a grant from the U.S. Department of Housing and Urban Development's Sustainable Communities Regional Planning Grant Program. The grant concluded in May 2015.

The TNJ task forces were created in FY 2016 to advance the TNJ Plan's strategies and actions. There is one task force for each of the plan's four vision themes: competitive, efficient, livable and resilient. NJTPA and VTC provide staff support. The task forces are comprised of numerous stakeholder organizations, many of whom were project team members during the development of the TNJ Plan.

The outcome of plan implementation will be a more sustainable future for the region that invests in existing communities where housing, jobs, educational, cultural and recreational opportunities are made more easily accessible to most residents of the region by providing more transportation choices.

REGIONAL PLANNING

23/307 LIVABLE COMMUNITIES PLANNING (Cont.)

Advancing the TNJ Plan also implements Plan 2050, as they share many common themes and goals.

Products

- Vibrant Places Local Technical Assistance Program final reports. (June 2023)
- TNJ-related workshops and webinars. (June 2023)
- TNJ task force meeting and related activity summary reports. (June 2023)

Schedule

One fiscal year effort

Project Manager

Jeffrey Perlman

REGIONAL PLANNING

23/307 LIVABLE COMMUNITIES PLANNING (Cont.)

Contractual/Consultant Activity

FY 2023 Planning for Emerging Centers

Task Number

23/307-01

Description

This program works to promote the integration of land use and transportation planning and seeks to promote plans and projects that create connections between sustainable land use patterns and multimodal transportation opportunities.

Two municipalities were selected during the Planning for Emerging Centers solicitation in FY 2022. The technical assistance through the program will be provided to these municipalities in FY 2023 under this consultant effort.

The studies will be data informed, involve meaningful and robust participation from stakeholders and the public, and involve implementation agencies at the municipal, regional, and state level (such as NJDOT, NJ TRANSIT, Transportation Management Associations, and counties). Recommendations produced from these studies will be consistent with Plan 2050 and the goals, strategies, and actions in the TNJ Plan.

Products

- ♦ Interim reports on the study development. (June 2023)

Schedule

Two Fiscal Year Effort

Project Manager

Blythe Eaman

Project Cost

Task Activity	Budget Line Item	Total
Livable Communities Planning	Central Staff	\$ 569,985

REGIONAL PLANNING
23/307 LIVABLE COMMUNITIES PLANNING (Cont.)

Task Number 23/307-01

FY 2023 Planning for Emerging Centers	Consultant	\$ 525,000
---------------------------------------	------------	------------

Task Number 23/307-02

FY 2023 TNJ Initiative Support	Subrecipient	\$ 225,000
--------------------------------	--------------	------------

FREIGHT PLANNING

FREIGHT PLANNING

23/401 FREIGHT PLANNING AND COORDINATION

Goals

This task aims to foster collaboration between the public and private sectors to address the region's goods movement needs. This effort is guided by the Freight Initiatives Committee (FIC) and includes outreach with subregions, NJDOT, NJ TRANSIT, Port Authority and with the private sector.

Description

Northern New Jersey is the center of freight distribution for the northeastern United States and is one of the most significant concentrations of freight operations and activities in Northern America. The NJTPA region is home to the largest seaport on the East Coast, a large international airport and extensive warehousing and distribution centers. Goods movement is essential to the well being of the state's citizens and economy.

This task allows for intra-agency coordination to ensure the needs of shippers and the goods movement industry are reflected in all NJTPA planning efforts, and that goods movement planning also reflects NJTPA's goals for sustainable communities, livability, transportation choices and economic competitiveness. Freight planning work considers federal policies and investment, especially with regard to LRTP updates.

This task provides for comprehensive outreach and collaboration with the NJTPA subregions, NJDOT, NJ TRANSIT, the Port Authority, the Metropolitan Area Planning (MAP) Forum, the private sector, and other organizations to identify and address the region's goods movement needs. It builds on previous coordination with statewide and regional initiatives, including continued coordination with neighboring MPOs. The FIC guides this work.

Additional activities in this task include follow up on previous NJTPA efforts and will recommend, specify, and where appropriate, pursue implementation of solutions to problems and opportunities identified in previous and ongoing NJTPA studies on issues such as the truck parking shortage, impediments to national standard rail freight access, the growing cargo movements at the Port, truck traffic management and rail grade crossing improvements.

Continuing Long-Term Core Task Activities

- Manage Freight Concept Development Program and oversee ongoing consultant contract.
- Serve as NJTPA freight subject matter experts on technical advisory committees, intra-agency studies and other partner agency and subregional efforts impacting the NJTPA region such as the New Jersey State Freight Plan and others as appropriate. Coordinate with subregions, partner agencies, other MPOs, the private sector and internally on freight performance measures. Maintain and enhance an active outreach program including key regional planning events, subregional meetings and field visits, and meetings of other MPO freight committees, private sector businesses and organizations, and state and national freight committees.
- Continue truck parking initiatives including efforts to address operational truck parking needs and

FREIGHT PLANNING

23/401 FREIGHT PLANNING AND COORDINATION (Cont.)

identify emergency overflow truck parking needs.

- Continue work with NJDOT, NJ TRANSIT, partner agencies and the private sector on advancing the Freight Rail Industrial Opportunities (FRIO) Corridors program, assessing workforce accessibility to freight facilities, developing the State Freight Plan and supporting the activities of the NJDOT Freight Advisory Committee.
- Provide technical support to the FIC, including regular briefings for the committee chair and vice chair on staff activities and freight issues of regional significance. Work with the chair and vice chair to develop meeting agendas, arrange for speakers and coordinate with Committee Support (23/702).
- Develop and/or disseminate relevant information on important issues concerning goods movement to Central Staff and subregions. Update the freight section of the NJTPA website. Work with GIS, Data Resources and Planning Tools (23/206) to maintain the Freight Activity Locator. Work with Applications, Software, and Database Development (23/802) to update issues and strategies and add the rail freight module to the Goods Movement Strategies for Communities Tool.

Continuing Short-Term Task Activities and Timelines for Completion

- Freight Rail Grade Crossing Assessment Update (June 2023).

Products

- Agendas and content for FIC meetings.
- Final reports for FY21 Freight Concept Development Program studies.
- Final report for Freight Rail Grade Crossing Assessment Update.
- Updated Goods Movement Strategies for Communities Tool.
- Methodology for assessing workforce accessibility to freight facilities.

Task Manager

Jakub Rowinski

973-639-8443

jrowinski@njtpa.org

FREIGHT PLANNING

23/401 FREIGHT PLANNING AND COORDINATION (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Freight Planning and Coordination	Central Staff	\$ 645,198

CAPITAL PROGRAMMING

CAPITAL PROGRAMMING

23/501 TRANSPORTATION IMPROVEMENT PROGRAM

Goals

The NJTPA advances the goals of the performance based LRTP by developing and managing the TIP and the Study and Development (S&D) program, as mandated by federal regulations. The NJTPA develops criteria and project scoring to prioritize projects for federal and state funding, aligning with the NJTPA performance goals and meeting the needs of the region. The task aims to enhance the partnership with other agencies and the public by disseminating information about the NJTPA's investment and planning decisions.

Description

This task provides for financial planning, capital programming, and TIP management for the NJTPA region. Central Staff works with state, regional, and federal planning partners to identify financial resources available from public and private sources to implement a fiscally constrained TIP and LRTP, which complements the Statewide Transportation Improvement Program (STIP). Capital Programming staff coordinates development and maintenance of the regional TIP with the NJTPA Systems Planning Division on performance measures, RCIS, project scoring, performance-based project advancement, congestion management, and air quality conformity analysis; and with the Regional Planning Division in the development and management of the LRTP and to advance recommendations from subregional studies into the S&D program. The TIP is updated every two years. The NJTPA Board of Trustees adopted the FY 2022-2025 TIP and FY 2022 S&D program in September 2021, which is posted on the NJTPA website at [https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-\(TIP\)/Current-TIP.aspx](https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-(TIP)/Current-TIP.aspx).

TIP management consists of three core subtasks: TIP revisions based on an approved Memorandum of Understanding (MOU) among NJDOT, NJ TRANSIT, and the NJTPA; reporting functions to keep Board members and the public apprised of project status; and year-end obligation reporting. Staff uses the eSTIP application for coordinating revisions of the TIP with its partner agencies.

In addition to communicating the TIP and capital programming process with its Board members, stakeholders, and the public, Central Staff is responsible for maintaining NOTIS ([https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-\(TIP\)/Project-Tracker-\(NOTIS\).aspx](https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-(TIP)/Project-Tracker-(NOTIS).aspx)), which serves as a project monitoring and reporting system to help the NJTPA manage and analyze the TIP, and share project data with internal and external parties.

Continuing Long-Term Core Task Activities

- Tracking and reporting progress of TIP projects and programs and S&D projects on a monthly and quarterly basis, and posting status on NOTIS. Responding to internal/external project-related requests for information, such as funding updates/project completion status. Tracking disposition of problem statements and provide a report on status, as needed.
- Participating in the NJDOT CPSC and CPC meetings. Preparing region specific documentation of the requested changes to project schedules and/or funding and advising the affected subregion of pending NJDOT actions. Submitting comment forms to NJDOT and addressing feedback from the

CAPITAL PROGRAMMING

23/501 TRANSPORTATION IMPROVEMENT PROGRAM (Cont.)

NJTPA and local agencies at the relevant CPSC and CPC meetings.

- Investigating innovative financing techniques and emerging federal regulation resulting from the IJA and state policies, particularly as they pertain to capital programming; assessing local funding opportunities, as needed.
- Collaborating with the Systems and Regional planning divisions and other Central Staff on performance measures (Task 23/201), RCIS (Task 23/201), air quality planning (Task 23/205), PRIME (Task 23/203), the LRTP (Task 23/301), and other ongoing programs.
- Preparing and distributing the draft FY 2024 TIP, including developing the project pool, scoring new projects, negotiating the draft FY 2024 Transportation Capital Program (TCP), assessing and reporting system performance as per recommendations of the Certification Review; preparing the FY 2024 S&D program, and developing a regional version of the FY 2024 TCP for subregional review.
- Producing year-end obligation report of annual TIP elements. Evaluating the TIP relative to planned project costs versus actual federal funding authorizations and alignment with the RCIS.
- Analyzing and preparing required documentation to initiate TIP amendments and modifications, consistent with federal regulations and the procedures set forth in the MOU. Updating the TIP appendix on performance measures, targets and goals. Coordinating changes with NJDOT for inclusion in the eSTIP. Updating the NJTPA website as needed with all changes. Preparing annual listing of TIP modification and amendment summary report.
- Collaborating with NJDOT and subregions in developing financial plans and annual updates for projects with costs over \$100 million in federal funding, as needed. Providing initial financial plans to the NJTPA Board and annual financial plan update to the Project Prioritization Committee for approval.
- Providing technical support to NJDOT to enhance the project prioritization and selection process, ensuring that the NJTPA criteria meets federal regulations and aligns with performance targets, and maintaining accurate data for project selection criteria and updating scoring criteria, as needed.

New Task Activities and Timelines for Completion

- Providing modified rescoring of project criteria goal areas to address CMP study findings. Complete criteria recoding as a result of software migration from ArcMap to ESRI ArcPro. (June 2023)
- Develop NOTIS updates, such as adding Congressional District overlay and reporting. (June 2023)

Products

- FY 2024 draft TIP, including criteria update.
- FY 2024 draft S&D Program.

CAPITAL PROGRAMMING

23/501 TRANSPORTATION IMPROVEMENT PROGRAM (Cont.)

- FY 2022 TIP modifications and amendments.
- Updated NOTIS website with TIP and S&D project status, and Congressional Districts overlay and reports.
- Year-end obligation report of annual TIP element.
- Approved financial plans for federally funded projects with costs over \$100 million, as needed.

Task Manager

Ann Ludwig
973-639-8411
aludwig@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Transportation Improvement Program	Central Staff	\$ 1,074,557

LOCAL PROJECT DEVELOPMENT

LOCAL PROJECT DEVELOPMENT

23/601 LOCAL CAPITAL PROJECT DELIVERY PROGRAM

Goals

The NJTPA assists member subregions in carrying out specific transportation planning activities that help advance goals, objectives, principles, plans and projects as set forth in the LRTP. The Local Capital Project Delivery Program (LCPD) helps advance the mission of the NJTPA by linking transportation planning with economic growth, environmental protection and quality of life goals for the region.

Description

The LRTP identifies several principles that govern NJTPA's approach to regional transportation planning. These principles include giving the highest funding priority to maintaining and repairing existing infrastructure.

The LCPD Program allows subregions to advance local "fix it first" type projects through the NJDOT/FHWA project delivery process. Sponsors will identify problems and needs within their respective subregions and if selected, would have an opportunity to develop projects through the project delivery process.

Additional information on the LCPD Program is provided on the NJTPA's website at <https://www.njtpa.org/lcpd.aspx>

Continuing Long-Term Core Task Activities

- ♦ Overseeing all projects in the LCPD Program to ensure they remain on schedule, and within scope and budget in various phases of project development.

Continuing Short-Term Task Activities and Timelines for Completion

- ♦ Completing all Local Concept Development (LCD) project deliverables, including: project purpose and need statements, reasonable alternatives and strategies that address the purpose and need, selection of a preliminary preferred alternative (PPA) and NEPA classification. (June 2023)
- ♦ Coordinating with consultants and subregions to complete all Local Preliminary Engineering (LPE) deliverables, including: performing engineering tasks and technical environmental studies in order to obtain formal community consensus (through public meetings) of the study; the approval of the environmental document (NEPA document) from FHWA; agency consultation and concept level mapping and design; and developing property acquisition and project cost estimates for future phases of work. (June 2023)
- ♦ Integrating the Online Interagency Planning Management System (OIPMS) project management tool for all local programs with NOTIS. (June 2023)
- ♦ Monitoring local Transportation Trust Fund money as projects advance through the project delivery process. (June 2023)
- ♦ Advancing former Local Scoping Program projects through the project delivery process. (June 2023)
- ♦ Quarterly status reports for LCD and LPE projects. (June 2023)

LOCAL PROJECT DEVELOPMENT

23/601 LOCAL CAPITAL PROJECT DELIVERY PROGRAM (Cont.)

New Task Activities and Timelines for Completion

- Staff will select consultants for the new FY 2023 Local Concept Development Projects. (June 2023)

Products

- Project status reports and programmatic financial reports for all active projects in the LCPD program.
- New list of LCD projects

Task Manager

Sarbjit Kahlon

973-639-8419

skahlon@njtpa.org

Contractual/Consultant Activity

FY 2023 Local Concept Development Studies

Task Number

23/601-01

Description

The LCD phase of work establishes the purpose and need, and completes the initial environmental screening, which will result in a PPA.

The consultants will support the NJTPA and the selected subregions in managing the LCD phase of work for the projects. Upon completion and approval of the Concept Development Report by the Interagency Coordinating Committee, these projects will then advance to the LPE phase.

Completion of project deliverables for all new projects will include, but are not limited to: a Project Purpose and Need Statement, reasonable alternatives and strategies that address the Purpose and Need, selection of a PPA, and NEPA classification.

Products

- RFP for various projects selected for FY 2023 Local Concept Development Program.

LOCAL PROJECT DEVELOPMENT
23/601 LOCAL CAPITAL PROJECT DELIVERY PROGRAM (Cont.)

Schedule

Three Fiscal Year Effort

Project Manager

Sarbjit Kahlon

Project Cost

Task Activity	Budget Line Item	Total
Local Capital Project Delivery Program	Central Staff	\$ 627,573
<i>Task Number</i> 23/601-01		
FY 2023 Local Concept Development Studies	Consultant	\$ 4,000,000

LOCAL PROJECT DEVELOPMENT

23/602 LOCAL SAFETY PROGRAMS

Goals

Enhancing travel safety is critical to the NJTPA's mission to meet the travel needs of the region's residents. Through the RCIS, the Board of Trustees stated that safety investments should increase in future investment plans. The Board has demonstrated its leadership in planning and programming new safety improvements that address some of the region's most pressing safety needs.

Description

This task helps to further NJTPA's goal of maintaining a safe and reliable transportation system in a state of good repair. The programs under this task support many of the guiding principles in the LRTP, by making travel safer and more secure, maintaining and repairing existing infrastructure, improving existing roads, applying new transportation technologies and supporting walking and bicycling. These programs use Highway Safety Improvement Program (HSIP) funding for safety projects towards the goal of reducing traffic fatalities and serious injuries on all public roads.

Local Safety Program (LSP) and High Risk Rural Roads Program (HRRRP)

The LSP advances safety initiatives on county and local roads in the NJTPA region. The HRRRP provides funding to advance safety improvements along rural roadways that have been functionally classified as a rural major, rural minor collector or rural local roads and have a crash rate that exceeds the region's average for those functional classes of roads. Both programs have an annual solicitation and focus on crash prone locations, which are identified using crash data.

Local Safety Engineering Assistance Program (LSEAP)

Staff will continue to provide subregional assistance through the use of NJTPA selected consultants to prepare final plans, specifications and cost estimates (PSEs documents) required for federal authorization to construct for projects advanced through the LSP and HRRRP.

Road Safety Audits (RSAs)

Staff will continue to partner with NJDOT Bureau of Transportation Data and Safety to conduct RSAs within the NJTPA Region. Short term recommendations from RSAs are frequently used to develop LSP applications. Applications advancing RSA recommendations receive higher points during the solicitation process.

Consultant Assistance with Studies Analyses

This continuing consultant effort will help subregions prepare more comprehensive LSP applications by providing assistance with studies and or analysis of a high crash location or corridor. The analyses may include traffic counts, lighting studies, signal warrant analyses, conceptual layouts of roadway geometric changes, etc. They might arise as recommendations from a RSA or could be identified by the subregions as needed to prepare a comprehensive LSP application.

LOCAL PROJECT DEVELOPMENT

23/602 LOCAL SAFETY PROGRAMS (Cont.)

Trail Crossings Evaluation

This effort aims to identify crossings, and create a database of existing safety features and deficiencies, which can be used to create systemic safety projects.

Pedestrian Counts

This continuing consultant effort will help gather data and performance metrics which are vital to evaluating pedestrian transportation improvement projects. The traffic counts help NJTPA staff and regional decision-makers understand and monitor the performance of the transportation network in northern New Jersey. A recent analysis of crash data in the NJTPA region also found that there is a greater share of pedestrian crashes in areas with large EJ populations, which behooves those responsible for the pedestrian count program to strategically select locations that will address safety and EJ community concerns.

The consultant shall provide all equipment, materials, labor, analysis and documentation necessary to perform pedestrian volume, traffic volume and turning movement counts at 100 locations throughout the NJTPA region. The final product will help advance LRTP goals to increase the proportion of biking and walking trips; increase safety and mobility for bike/ped and other forms of micromobility; advance active transportation efforts that reduce greenhouse gas emissions; improve public health outcomes; and ensure that disadvantaged communities share in the benefits of safety improvements.

Continuing Long-Term Core Task Activities

- Daily oversight of the LSP, programmatic updates, budget development and changes, RSAs, support to NJDOT with the Annual Safety Report and other efforts related to improving efficiency of the programs.
- Conducting RSAs.

LOCAL PROJECT DEVELOPMENT

23/602 LOCAL SAFETY PROGRAMS (Cont.)

Continuing Short-Term Task Activities and Timelines for Completion

- FY 2016 and FY 2017 LSEAP: Oversight of the consultants advancing project through Preliminary Engineering/Final Design (PE/FD) phases and development PSEs for federal authorization to construct.(December 2023)
- FY 2018 LSEAP: Oversight of the consultants advancing project through PE/FD phases and development PSEs for federal authorization to construct. (December 2025)
- FY 2020 LSEAP: Contract award and project commencement in the FY 2020 LSP/HRRRP. (December 2027)
- FY 2022 LSP/HRRRP: Preparation and release of the solicitation for applications. (December 2022)
- Trail crossing effort will continue in FY 2023 developing a database of locations and existing safety features and deficiencies (June 2023)
- Supporting NJDOT efforts in implementing the SHSP (June 2025)

New Task Activities and Timelines for Completion

- FY 2023 LSEAP: Preparation and release of the solicitation for the FY 2022 LSP/HRRRP projects requesting design assistance.(June 2023)

Products

- FY 2016-2017 LSEAP: Construction Authorizations.
- Database of trail crossing locations, existing safety features and deficiencies.
- FY 2018 LSEAP: Final Design Authorizations.

Task Manager

Christine Mittman

973-639-8448

cmittman@njtpa.org

LOCAL PROJECT DEVELOPMENT
23/602 LOCAL SAFETY PROGRAMS (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Local Safety Programs	Central Staff	\$ 629,052

LOCAL PROJECT DEVELOPMENT

23/603 TRANSPORTATION ALTERNATIVES AND SAFE ROUTES TO SCHOOL

Goals

The NJTPA assists member subregions in carrying out specific non-traditional transportation planning activities that also help accomplish the goals, objectives, principles, policies, plans and projects set forth in the LRTP. The Transportation Alternatives Program (TAP), Regional Transportation Alternatives Program (RTAP) and the Safe Routes to School (SRTS) Program help advance the mission of the NJTPA by providing funding to the subregions for non-motorized transportation and enhancement projects, thereby linking transportation planning with environmental protection and quality of life goals for the region. The RTAP advances projects eligible for TAP with construction costs greater than \$1 million dollars. The SRTS Program focuses on encouraging children to walk and bicycle to school.

Description

The TAP has seven funding categories:

- On- and off-road trail facilities
- Abandoned railroad corridors for trails
- Turnouts, overlooks and viewing areas
- Preservation of historic transportation facilities
- Community improvement activities
- Environmental mitigation
- Reduction of vehicle-caused wildlife mortality

NJDOT sub allocates 50 percent of its TAP funds, which are proportionately split among the three MPOs. NJTPA will continue to partner with NJDOT on the solicitation process, including sitting on the statewide technical review committee, which short lists applications for recommendation to the NJDOT Commissioner.

The RTAP is no longer accepting applications but still has active projects. These projects are expected to conclude in FY 2024.

The SRTS Program funds infrastructure projects including planning, design and construction or installation of sidewalks, crosswalks, signals, traffic calming and bicycle facilities. Projects must also be located within two miles of a school K-8.

Continuing Long-Term Core Task Activities

- Continued coordination with NJDOT to monitor programmatic changes and project implementation on the TAP, RTAP and SRTS programs.

Continuing Short-Term Task Activities and Timelines for Completion

- Monitor RTAP projects in the NJTPA region. This includes attending all project status meetings and working with subregional project managers to troubleshoot issues as they arise. (June 2023)
- Continue serving on the Technical Advisory Committee for the TAP and SRTS programs. (June 2023)

LOCAL PROJECT DEVELOPMENT

23/603 TRANSPORTATION ALTERNATIVES AND SAFE ROUTES TO SCHOOL (Cont.)

New Task Activities and Timelines for Completion

- Coordinate with NJDOT to prepare and initiate a solicitation. (June 2023)

Products

- Status reports of projects and the program as needed.
- List of new projects.

Task Manager

Eve Chamberlain

973-639-8421

echamberlain@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Transportation Alternatives and Safe Routes to School	Central Staff	\$ 74,000

PUBLIC AND EXTERNAL AFFAIRS

PUBLIC AND EXTERNAL AFFAIRS

23/701 PUBLIC INVOLVEMENT/OUTREACH

Goals

Raise awareness of the NJTPA by informing the public, elected officials, regional stakeholders and others about agency activities and providing them with various opportunities for meaningful participation in the metropolitan planning process.

Description

Staff will work to engage the public and stakeholders through public meetings, special events, outreach activities, NJTPA attendance at relevant conferences, publications, the NJTPA website, and social media, among other activities. This task includes supporting implementation of Plan 2050. This task also includes implementing innovative approaches to communications and outreach; continued promotion of the NJTPA's highly successful Street Smart NJ pedestrian safety program; and coordination with Tribal Nations on NJTPA projects and programs. In all these activities, the NJTPA will actively encourage participation by low-income and minority communities that have been traditionally underserved by the transportation planning process.

Continuing Long-Term Core Task Activities

- ♦ Supporting transportation planning work by editing documents, preparing publications and educational materials, updating the InTransition online magazine, and maintaining a photo library and other resources.
- ♦ Maintaining social media accounts and the website.
- ♦ Coordinating Street Smart NJ pedestrian safety campaigns and refining strategies based on ongoing evaluations.
- ♦ Evaluating progress of public outreach and participation through objective measures such as website traffic, media mentions, social media followers, etc.
- ♦ Educating and involving the public, elected officials, and regional stakeholders in the planning process, including implementation of the LRTP, in accordance with the NJTPA Public Engagement Plan. This includes updating and maintaining the NJTPA website, holding public meetings, preparing materials for the public and participating in transportation- and planning-related events and conferences.
- ♦ Coordinating with Tribal Nations and engaging them in the transportation planning process.

Continuing Short-Term Task Activities and Timelines for Completion

- ♦ Symposia series related to Plan 2050 implementation. (June 2023)

Products

- ♦ Articles added to the InTransition online magazine website.
- ♦ Videos on transportation issues and the metropolitan planning process.

PUBLIC AND EXTERNAL AFFAIRS

23/701 PUBLIC INVOLVEMENT/OUTREACH (Cont.)

- NJTPA Update blog posts on the website, compiled and distributed periodically via the e-list.

Task Manager

Melissa Hayes
973-639-8438
mhayes@njtpa.org

Task Manager

Mark Solof
973-639-8415
solof@njtpa.org

Contractual/Consultant Activity

FY 2023 Innovative Public Engagement

Task Number

23/701-01

Description

VTC will continue to research, develop, conduct and document specialized public engagement for NJTPA projects and programs, including the UpNext North Jersey young adult advisory group. This contract also includes the second year of the two-year pilot Outreach Liaison program. VTC will assist with efforts to promote this work through award applications, participation in professional conferences and collaboration with partner agencies, stakeholders and community groups.

Products

- Report summarizing specialized public outreach initiatives.
- Report summarizing UpNext events and input.

Schedule

One fiscal year effort

Project Manager

Ted Ritter

Project Cost

Task Activity	Budget Line Item	Total
Public Involvement/Outreach	Central Staff	\$ 1,054,307

PUBLIC AND EXTERNAL AFFAIRS
23/701 PUBLIC INVOLVEMENT/OUTREACH (Cont.)

Task Number 23/701-01

FY 2023 Innovative Public Engagement	Subrecipient	\$ 100,000
--------------------------------------	--------------	------------

PUBLIC AND EXTERNAL AFFAIRS

23/702 COMMITTEE SUPPORT

Goals

Support committee and Board meetings, which serve as the forums for deliberations and decision making by the NJTPA Board of Trustees.

Description

The meetings supported by this task are an essential function of the NJTPA, providing the forum where the Board guides regional transportation planning and makes funding allocations. This task includes the technical, clerical and logistical support necessary to accommodate meetings addressing the transportation, environmental, business and goods movement interests of the NJTPA. This task also supports pilot committee forums developed as a result of the updated Public Engagement Plan, including the UpNext North Jersey young adult advisory group.

Continuing Long-Term Core Task Activities

- Arranging presentations for meetings and special events, featuring experts on transportation topics for the benefit of Board members, staff, subregions and the public (at least four during the year).
- Talking points and speeches for Board members for Board meetings and events related to NJTPA projects and programs.
- Supporting committees/forums developed as a result of the updated Public Engagement Plan.
- Logistical support for all NJTPA Board meetings, standing committee meetings and other meetings involving Board members as needed including development and distribution of agendas, supporting documents (resolutions, policy papers, etc.) and meeting minutes; and ongoing administrative support.
- Livestreaming Board meetings and archiving meeting videos on NJTPA YouTube channel.

Products

- Meeting agendas, supporting documents and minutes.
- Fact sheets about projects and programs for NJTPA Board members. (as needed)

Task Manager

Mark Solof

973-639-8415

solof@njtpa.org

PUBLIC AND EXTERNAL AFFAIRS
23/702 COMMITTEE SUPPORT (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Committee Support	Central Staff	\$ 849,403

PUBLIC AND EXTERNAL AFFAIRS

23/703 INTERAGENCY COLLABORATION & EXTERNAL AFFAIRS

Goals

Coordinating work, sharing information and collaborating with neighboring MPOs other agencies, commissions, national organizations, elected officials and policymakers, while also informing NJTPA Board members and staff, as well as the public, about legislative and policy issues affecting the work of the NJTPA.

Description

This task is an ongoing activity to inform NJTPA Trustees, RTAC members and Central Staff on key federal and state legislative, regulatory, policy and funding developments and to inform federal and state legislators and policymakers about the NJTPA's work and activities. It also involves research and reporting on best practices of MPOs and other organizations nationwide relevant to the work of NJTPA and guiding its strategic directions. This task includes regional coordination with neighboring MPOs and other relevant agencies/commissions.

Continuing Long-Term Core Task Activities

- Reports, resolutions, and related materials for use by Central Staff, the Board of Trustees and committees.
- Monitoring development of federal and state regulations and offering input when appropriate. This includes staff coordination with other MPOs and regional bodies through AMPO and NARC.
- Coordinating with neighboring MPOs, particularly through the MAP Forum and the Central Jersey Transportation Forum, as well as coordination and collaboration with other agencies and commissions, planning partners, nonprofit organizations, etc.
- Communicating with the New Jersey Legislature, staff of the New Jersey Congressional delegation, New Jersey Office of Planning Advocacy, Association of Metropolitan Planning Organizations (AMPO), National Association of Regional Councils (NARC), and other groups to provide additional context and information to staff and Board on relevant developments.
- Researching and monitoring MPO policies and best practices from around the country that are applicable to the NJTPA planning process. Insights from these activities become the basis for updating strategic directions guiding the NJTPA Board and will be incorporated as appropriate into the annual UPWP.
- Monitoring regulatory and policy developments related to federal transportation authorization, and providing information to executive level staff and Board members on key issues.
- Assisting with maintenance of MAP Forum website.
- Presentations on federal and state issues to NJTPA Board members.

Products

- Policy research/reports for Board members and federal and state lawmakers. (as needed)

PUBLIC AND EXTERNAL AFFAIRS

23/703 INTERAGENCY COLLABORATION & EXTERNAL AFFAIRS (Cont.)

Task Manager

Melissa Hayes

973-639-8438

mhayes@njtpa.org

Project Cost

Task Activity	Budget Line Item	Total
Interagency Collaboration and External Affairs	Central Staff	\$ 324,733

INFORMATION SYSTEMS

INFORMATION SYSTEMS

23/801 INFORMATION SYSTEMS SUPPORT AND DEVELOPMENT

Goals

This task supports the mission of the NJTPA by developing and maintaining the agency's technological foundation and leveraging information technology to support regional transportation planning. This foundation is the platform, medium and tools by and through which our technical and informational resources are developed and disseminated to the people of northern New Jersey.

Description

This task provides the technological foundation and information technology solutions for the NJTPA's entire work program. NJTPA information systems are comprised of a networked infrastructure of multiple servers, switches, security and network appliances, routers, printers, staff workstations, and phone services. This task includes developing and administering this infrastructure including communications systems, cloud services, storage area networking, virtualization services, databases, data archival, messaging, VPN, web applications, SAP Enterprise Resource Planning (ERP), EGIS, videoconferencing and web streaming services. This task includes end-user technical support to Central Staff and subregions, including audio/video equipment and teleconferencing/webinar maintenance.

This task proactively evaluates and implements new technologies that further the goals as outlined by the LRTP. Hardware, software, and services for agency and subregional deployment will be assessed for compatibility with existing systems and software. This task will provide architectural support for the agency's software as a service platforms and enterprise systems, including EGIS and the Microsoft 365 platform.

Disaster recovery measures will be implemented and maintained to ensure that the NJTPA's data will survive either manmade or natural disaster and provide high availability of agency resources. This includes offsite data center maintenance, and administration, in addition to further developing and administering the agency's Continuity of Operations (COOP) plan that documents administrative, communications and IT procedures for agency continuity during disasters, closures, etc.

Continuing Long-Term Core Task Activities

- Providing and tracking NJTPA and subregional hardware and software technical support, patching, and upgrades. This includes end user, technical, application, telephone system maintenance and support, individual workstation updates, maintenance and monitoring.
- Supporting and developing video conferencing, streaming, recording and broadcasting. NJTPA meeting/webinar hosting, streaming, and video production.
- Technical support for Central Staff and subregions.
- Researching and procuring software and hardware for Central Staff.
- Supporting the content management system and websites.
- Supporting and developing Microsoft 365 services.

INFORMATION SYSTEMS

23/801 INFORMATION SYSTEMS SUPPORT AND DEVELOPMENT (Cont.)

- ♦ Maintaining software licensing and compliance.
- ♦ Governance guidelines, procedures and guidance documentation.
- ♦ Developing and administering IT services, infrastructure, and security.

Continuing Short-Term Task Activities and Timelines for Completion

- ♦ IT asset inventory and auditing. (June 2023)
- ♦ Maintaining, monitoring and developing agency off-site resources including third party data centers. (June 2023)
- ♦ Maintaining and administering the COOP plan and program. (June 2023)
- ♦ NJTPA cybersecurity tools/services/hardware upgrades to enhance defense in depth capabilities. (June 2023)

New Task Activities and Timelines for Completion

- ♦ Planned server, storage, and network infrastructure upgrade to support staff activities. (June 2023)

Products

- ♦ IT capital assets inventory report
- ♦ COOP annual update report.

Task Manager

Chris Roche

973-639-8431

roche@njtpa.org

INFORMATION SYSTEMS

23/801 INFORMATION SYSTEMS SUPPORT AND DEVELOPMENT (Cont.)

Project Cost

Task Activity	Budget Line Item	Total
Information Systems Support and Development	Central Staff	\$ 726,287

INFORMATION SYSTEMS

23/802 APPLICATIONS, SOFTWARE, AND DATABASE DEVELOPMENT

Goals

This task provides innovative programming solutions and develops software tools for Central Staff and subregions. This task evaluates, recommends, and designs custom software solutions to address communication, data sharing, reporting and workflow needs to provide insights and analysis to meet the goals outlined in the LRTP. This task also supports and enhances current applications including reporting, data visualization, process automation, and project information systems.

Description

This task provides programming solutions and software tools for the Central Staff and subregions. These solutions and software tools will address Central Staff and subregional reporting, data analysis, communications, collaboration, and workflow needs. This task will also provide recommendations, guidance, and training to promote emerging technology solutions and end-user best practices.

This task develops client-facing applications, databases and back-end systems to support internal operations, partner agency collaboration and constituent engagement. In addition to newly-developed products, this task supports and enhances existing solutions including the UPWP grant management system and subregional Cost Tracking System.

Planning applications that interface with agency data repositories will be maintained and updated. NOTIS will be updated to increase the scope of regional transportation projects that are housed within it. Maintenance and feature updates of all agency web applications including PRIME, OIPMS, Goods Movement Strategies for Communities Tool, Engage! and others will continue.

This task enhances and develops of the SAP ERP system including reporting and data warehouse development. Programming for the agency's software as a service platforms and enterprise systems is included in this task.

Continuing Long-Term Core Task Activities

- ♦ Maintaining the UPWP Management System.
- ♦ Maintaining internal custom web applications (PRIME, OIPMS, Goods Movement, Engage! and others).
- ♦ Providing best-practices guidance, training, and support staff usage of cloud-based collaboration applications (SharePoint, Microsoft Teams, OneDrive, etc.).
- ♦ Maintaining inventories of in-house applications, databases and software services.
- ♦ Developing and maintaining applications and tools to provide reports, insights, and data analysis.

INFORMATION SYSTEMS

23/802 APPLICATIONS, SOFTWARE, AND DATABASE DEVELOPMENT (Cont.)

New Task Activities and Timelines for Completion

- Developing new features for the UPWP online tool that result from UPWP task force involvement and end-user staff engagement. (June 2023)
- Providing technical consultation for the PRIME 2.0 consultant-led development effort and engage in testing and deployment of the completed application on NJTPA servers. (June 2023)
- Planning for the migration of NOTIS' GIS data from ArcMap to ArcPro. (June 2023)

Products

- Updates to in-house applications (including new features, bug fixes, and maintenance upgrades to code dependencies)
- Power BI reports summarizing data for in-house applications (PRIME, NOTIS, OIPMS)
- Inventories of in-house applications and databases
- Deployed PRIME 2.0 system in NJTPA environment
- ArcPro migration plan for NOTIS

Task Manager

Kaitlynn Davis

973-735-6355

kdavis@njtpa.org

Contractual/Consultant Activity

FY 2023 UPWP Management System Support

Task Number

23/802-01

Description

Consultant support of the SAP ERP system implementation will continue in FY 2023 with an emphasis on optimizing the system to generate reports and relevant information to inform all aspects of organizational operating decisions, performance, and delivery of NJTPA's work program. The consultant will continue to provide maintenance of the software system, provide technical functional and basic support to refine system performance, and expand accessibility of project level data and reporting access to staff, which will include expanding the reporting functionality within BOBJ and with the new FIORI interface deployed in FY 2022.

INFORMATION SYSTEMS

23/802 APPLICATIONS, SOFTWARE, AND DATABASE DEVELOPMENT (Cont.)

Technical maintenance support and system configuration, maintenance, and performance monitoring will be provided to ensure: all components are secure and running efficiently, including the core system, the portal, BOBJ, and FIORI; exchange of information among components is running normally; backups are successfully completed; necessary upgrades are successfully installed and tested; and timely processing of troubleshooting of system runtime errors and problem resolutions. This project will also assess the possibility of expanding the system to link the pass-through programs' cost tracking system for efficient data entry.

Products

- Monthly system performance and maintenance reports
- Quarterly log of SAP support service tickets to improve system functionality
- Technical specifications for BOBJ report designs

Schedule

Two fiscal year effort.

Project Manager

Gina Rodolico

Project Cost

Task Activity	Budget Line Item	Total
Applications, Software, and Database Development	Central Staff	\$ 1,097,459

Task Number 23/802-01

FY 2023 UPWP Management System Support Services	Consultant	\$ 500,000
---	------------	------------

APPENDIX A

PLANNING EMPHASIS AREAS AND GOALS

**NJTPA 2023 UPWP
Program Area Activities - Response to Federal Emphasis Areas**

UPWP Task Number and Title		Federal Emphasis Areas															
Task No.	Task Title	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	
UNIFIED PLANNING WORK PROGRAM																	
23/101	UPWP Administration	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
23/102	Grants and Contracts Administration	S	S	S	S	S	S	S	S								
23/103	Title VI Compliance and Reporting	S	S				P			S							
SYSTEMS PLANNING, DATA, and FORECASTING																	
23/201	Performance Measures and Data	P	P	S		S	S		P	P	P	S			P	P	
23/202	Modeling and Forecasting	P	S	S	S	S	S	S	S	S	P				S	P	
23/203	Congestion Management Process	P		P	S	S	P	S	S	P	P	S	S	S	P	P	
23/204	Performance Based Advancement	P		P	S	S	S	S	S	S					P	P	
23/205	Air Quality and Conformity Analysis	S	P	P	S	S	S	S	P	P		P			S	S	
23/206	GIS, Data Resources and Planning Tools	S	P	S	S	S	P	S	S	P		P	S		S	P	
23/207	Transportation Technology for Planning and Operations	S	S	S	P	S	S	S	S	P	S	S			S	S	
REGIONAL PLANNING																	
23/301	Long Range Planning	P	P	P	P	P	P	P	S	P	S	P	S	P	S	S	
23/302	Planning Studies				S	S	S	S	S	P	P	S	S		P	P	
23/303	Safety Planning	S	P	P			S	S		S	S					P	
23/304	Subregional Pass Through Programs				S	S	S	S	S		S	P	S		P		
23/305	Mobility Programs	S	S		P		P			S	P	S			S	S	
23/306	Environmental and Climate Change Programs	S	S		P	P			P			S			S	S	
23/307	Livable Communities Planning	P	S		P	P	P	P		S	P	S				S	
FREIGHT PLANNING																	
23/401	Freight Planning and Coordination	S	S	S	S	S	S	P									
CAPITAL PROGRAMMING																	
23/501	TIP Development and Management	P	P	P	S	P	P	P	P	P	P	P	P	P	P	P	
LOCAL PROJECT DEVELOPMENT																	
23/601	Local Capital Project Delivery Program	p	S	p	S	S	p	S	S	S	S	S	S	S	S	P	S
23/602	Local Safety Programs	p	S	p	S	S	p	S	S	S	S	S	S	S	S	P	S
23/603	Transportation Alternatives and Safe Routes to School	p	S	p	S	S	p	S	S	S	S	S	S	S	S	P	S
PUBLIC AND EXTERNAL AFFAIRS																	
23/701	Public Involvement/Outreach	S	S	S	S	S	S	S	S	S	S	P	S	S	S	S	
23/702	Committee Support	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
23/703	Interagency Collaboration & External Affairs	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
INFORMATION SYSTEMS																	
23/801	Information Systems Support and Development	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
21/802	Applications, Software, and Database Development	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	

LEGEND	
I	Continue with MAP-21 and FAST Act Implementation, Regional Models of Cooperation, and Ladders of Opportunity.
II	Continue with the cooperative data collection, development, and monitoring of required performance measures and targets.
III	Continue focusing on contributing towards the 2-year and 4-year targets set for the National Performance Measures.
IV	Incorporate Automated/Connected/Electric/Shared-use Vehicles into the planning processes.
V	Consider the resilience of the transportation system and mitigation of stormwater impacts on surface transportation.
VI	Facilitate social and economic opportunities by providing equitable levels of access to affordable and reliable transportation options, particularly to traditionally underserved populations.
VII	Coordinate with Federal Land Management Agencies (FLMA) to conduct continuing, comprehensive, and collaborative intermodal transportation planning that facilitates the efficient, and economic movement of people and goods.
VIII	Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future
IX	Equity and Justice40 in Transportation Planning
X	Complete Streets
XI	Public Involvement
XII	Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination
XIII	Federal Land Management Agency (FLMA) Coordination
XIV	Planning and Environment Linkages (PEL)
XV	Data in Transportation Planning

NJTPA Task Association	
P	Primary Association
S	Secondary Association

**NJTPA 2023 UPWP
Program Area Activities - Response to NJDOT MPO Transportation Priorities**

UPWP Task No. and Title		NJDOT MPO Transportation Priorities								
Task No.	Task Title	1	2	3	4	5	6	7	8	9
UNIFIED PLANNING WORK PROGRAM										
23/101	UPWP Administration	S	S	S	S	S	S	S	S	S
23/102	Grants and Contracts Administration	S	S	S	S	S	S	S	S	S
23/103	Title VI Compliance and Reporting	S	S	S	S	S	S	P	P	P
SYSTEMS PLANNING, MODELING AND DATA										
23/201	Performance Measures and Data	P	S	S	S	P	S	S	S	S
23/202	Modeling and Forecasting	S	S	S	S	S	S	S	S	S
23/203	Congestion Management Process	P	P	S	S	S	P	S	S	S
23/204	Performance Based Advancement	P	P	S	S	S	S	S	S	P
23/205	Air Quality Planning and Conformity Analysis	P	P	P	S	S	P	P	S	S
23/206	GIS, Data Resources and Planning Tools	S	S	S	S	S	S	S	S	P
23/207	Transportation Technology for Planning and Operations	S	P	S	P	S	S	P	S	S
REGIONAL PLANNING										
23/301	Long Range Planning	P	P	P	P	P	P	P	P	P
23/302	Planning Studies	P	S		S		P	S		P
23/303	Safety Planning	P				P	S			P
23/304	Subregional Pass Through Programs	P	S	S	S		S	S		P
23/305	Mobility Programs	S	S		P		P	S		P
23/306	Environmental and Climate Change Programs	S			P		S	S		S
23/307	Livable Communities Planning	P			P		P	S		P
FREIGHT PLANNING										
23/401	Freight Planning and Coordination	P	S	P	S	S		S	S	S
CAPITAL PROGRAMMING										
23/501	TIP Development and Management	P	P	P	S	P	P	P	P	P
LOCAL AND REGIONAL DEVELOPMENT										
23/601	Local Capital Project Delivery Program	S	S	S	S	P	P	S	P	P
23/602	Local Safety Programs	S	S	S	S	P	P	S	P	P
23/603	Transportation Alternatives and Safe Routes to School	S	S	S	S	P	P	S	P	P
PUBLIC AFFAIRS										
23/701	Public Involvement/Outreach	S				S	S		S	P
23/702	Committee Support	P								
23/703	Interagency Collaboration & External Affairs	P	S	S	S	S	S	S	S	S
INFORMATION SYSTEMS										
23/801	Information Systems Support and Development	S	S	S	S	S	S	S	S	S
23/802	Applications, Software, and Database Development	S	S	S	S	S	S	S	S	S

NJTPA Task Association	
P	Primary Association
S	Secondary Association

LEGEND		
1	Interagency Coordination	Continue to collaborate with NJDOT in meeting USDOT's legislated surface transportation requirements.
		Coordinate with NJDOT in the development and integration of performance measures and targets necessary to meet federal performance requirements for the NHS and support progress to achieve national performance goals. This includes performance-based planning and programming (PBPP) approaches in accordance with FHWA TPA requirements and the Department's TPA, asset management and long range planning policies, procedures, practices and objectives, and performance management written procedures.
		Support NJDOT and NJ TRANSIT in the development of the Long Range Statewide Transportation Plan (LRSTP) of stakeholder coordination and collaboration, and assist with public involvement activities to produce a multimodal transportation plan that meets state and federal requirements.
		Work to achieve consistency with the principles of the New Jersey State Development and Redevelopment Plan.
		In partnership with the Complete Team, institutionalize an improved process for initiating mobility and freight improvements with an updated, coordinated and streamlined approach to developing and vetting problem statements.
		Continue to assist with data collection of Model Inventory of Roadway Elements (MIRE) on county and local roads. This would be done by attending meetings with Transportation Data and Support to review collected data and to provide guidance on future data to be collected to meet the 2026 federal deadline.
		Continue to support greater coordination with other MPOs, NJDOT, transit agencies, TMAs and subregions in mobility and land use planning.
		Work with willing county and municipal partners for integration of transportation and land use to promote community livability and maximize the efficiency of the transportation system.
		Work with NJDOT, NJ TRANSIT, and other state agencies to support the Transit Villages Initiative and other efforts to encourage transit-oriented development (TOD).
		Work with NJDOT and other partners on risk management strategies for improving the resilience of transportation infrastructure against the impacts of extreme weather.
2	Congestion Relief	Pursue low-cost operational improvements at intersections, interchanges, and identified bottlenecks.
		Improve Transportation Demand Management (TDM) to help maximize the efficiency of the existing transportation system from the demand side, encouraging greater use of alternatives to single occupant vehicles.
		Improve New Jersey's multimodal freight network and hubs for more efficient access and improved system performance.
3	Freight Planning	Encourage opportunities for modal shift from trucks to barge and rail where practical.
		Identify truck parking improvements throughout the state through dialogue with MPO partners and industry stakeholders (trucking, real estate, manufacturing, etc.).
		Advance rail freight projects, connectivity solutions, and planning initiatives in New Jersey, including: (1) Systematic freight rail improvements in North Jersey such as 286A, plate F, shared service, port-rail connectivity issues, and for site-specific line impediments; and (2) Planning for an enhanced regional network in South Jersey through improved connectivity between New Jersey and Pennsylvania.
		Investigate the impact of increased (on-line) goods delivery on land use and transportation.
		Understand local impacts of freight-related truck traffic, particularly those associated with interactions between heavy vehicles and non-motorized modes.
4	Emerging Technologies	Highlight the value of freight and the freight industry to the general public and improve knowledge of freight source/demand through the development of video footage and expanded use of social media opportunities.
		Work to incorporate automated/connected/electric/shared use vehicles into the planning process, recognizing the challenges, opportunities and uncertainty associated with them.
5	Safety Planning	Promote development of the Systemic Safety Program.
		Maximize opportunities to include Proven Safety Countermeasures in all projects.
		Continue to prioritize implementation of the New Jersey 2020 Strategic Highway Safety Plan.
6	Bicycle and Pedestrian Planning	Develop local strategic highway safety plans in consultation with NJDOT and FHWA.
		Maximize opportunities for Complete Streets implementation: Promote green infrastructure to address stormwater issues, particularly in urban areas; Support the collection of bicycle and pedestrian volume data on county roadways, and on municipal streets as appropriate; Refine the local project prioritization process to include scoring factors that are based on potential health outcomes, safety improvements, connectivity for all modes, proximity to schools and transit stops, and other factors; and, Support adoption of Complete Streets Policies and Implementation Plans.
		Provide opportunities to complete the East Coast Greenway, the Circuit Trails, and other regional trail networks by assisting with the development of local trail plans and projects.
7	Intelligent Transportation Systems	Improve traffic operations through ITS upgrades and enhanced coordination at the interstate, state, county, and local level.
		Disseminate and provide information/knowledge/skills to local partners in technology areas where NJDOT has acquired a higher level of maturity.
		Explore the benefits of providing connectivity between infrastructure and vehicles to improve mobility and safety.
		Invest in the development of fiber and communication infrastructure across NJ to support safety- and mobility-related initiatives.
8	Local Public Agencies	Invest in compliance and adaptation of ITS regional architecture in all pertinent and applicable projects.
		Enhance safety through endemic planning and evaluation of ITS application against wrong-way driving systems.
		Assist the NJDOT Division of Local Aid and Economic Development in incorporating equity in the grant application process.
9	Equity, Public Health, and Outreach	Keep local public agencies informed and on schedule in the delivery of local projects.
		Improve the project delivery process through coordination with Local Aid and FHWA.
		Implement actions that uphold fairness and improved coordination of services, access, and mobility for low income and minority populations, persons with disabilities and senior citizens.
		Promote clean-powered public transit options (i.e. electric buses) and non-motorized transportation in an effort to reduce air pollution, particularly in low-income communities where concentrations are disproportionately high.
		Prioritize safety for non-motorized travelers in disadvantaged and transit-dependent communities, especially in areas around transit stops, housing, parks, schools, and senior centers.
Encourage counties and municipalities to promote public health principles and practices whenever possible in implementation of transportation projects.		
Focus on increasing participation of minority and low-income communities in the planning process; allow community members to brainstorm project ideas so that planning efforts are more tailored to meet their mobility needs.		
Continue to engage with the public to strengthen public confidence and participation in the planning process and help secure public buy-in of proposed transportation projects through the use of web tools/technology, social media, outreach, education, and public forums/meetings.		

**NJTPA 2023 UPWP
Program Area Activities - Response to NJTPA LRTP Goals**

UPWP Task No. and Title		NJTPA Planning Goals						
Task No.	Task Title	A	B	C	D	E	F	G
UNIFIED PLANNING WORK PROGRAM								
23/101	UPWP Administration	S	S	S	S	S	S	S
23/102	Grants and Contracts Administration	S	S	S	S	S	S	S
23/103	Title VI Compliance and Reports		S	S	S	S	S	S
SYSTEMS PLANNING, DATA, and FORECASTING								
23/201	Performance Measures and Data	P	P	P	P	P	P	P
23/202	Modeling and Forecasting	P	P	P	P	P	P	P
23/203	Congestion Management Process	P	P	P	P	P	P	P
23/204	Performance Based Advancement	P	P	P	P	P	P	P
23/205	Air Quality Planning and Conformity Anlysis	P	S	S	S	S	P	S
23/206	GIS, Data Resources and Planning Tools	S	S	S	S	S	S	S
23/207	Transportation Technology for Planning and Operations	S	S	S	S	S	P	S
REGIONAL PLANNING								
23/301	Long Range Planning	P	P	P	P	P	P	P
23/302	Planning Studies		P	S	S		P	S
23/303	Safety Planning					P		P
23/304	Subregional Pass Through Programs	S	P	P	S		P	S
23/305	Mobility Programs	S	P	S	S	P	S	P
23/306	Environmental and Climate Change Programs	P			S	S	S	
23/307	Livable Communitis Planning	P	P	P	S	S	P	S
FREIGHT PLANNING								
23/401	Freight Planning and Coordination	S			P	P	S	S
CAPITAL PROGRAMMING								
23/501	TIP Development and Management	P	P	P	P	P	P	P
LOCAL PROJECT DEVELOPMENT								
23/601	Local Capital Project Delivery Program	p	p	S	p	p	S	p
23/602	Local Safety Programs	p	p	S	p	p	S	p
23/603	Transportation Alternatives and Safe Routes to School Programs	p	p	S	p	p	S	p
PUBLIC AND EXTERNAL AFFAIRS								
23/701	Public Involvement/Outreach	P	P	P	P	P	P	P
23/702	Committee Support	P	P	P	P	P	P	P
23/703	Intergageny Collaboration & External Affairs	P	P	P	P	P	P	P
INFORMATION SYSTEMS								
23/801	Information Systems Support and Development	S	S	S	S	S	S	S
23/802	Applications, Software, and Database Development	S	S	S	S	S	S	S

NJTPA Task Association	
P	Primary Association
S	Secondary Association

LEGEND	
A	Protect and improve natural ecosystems, the built environment and quality of life.
B	Provide affordable, accessible and dynamic transportation systems responsive to all current and future travelers.
C	Retain and increase economic activity and competitiveness.
D	Enhance system coordination, efficiency, overall safety and connectivity for people and goods across all modes of travel.
E	Maintain a safe, secure and reliable transportation system in a state of good repair.
F	Create great places through select transportation investments that support the coordination of land use with transportation systems.
G	Improve overall system safety, reducing serious injuries and fatalities for all travelers on all modes.