

# FY2024UPWP

## Unified Planning Work Program

### Chapter I

### Central Staff Activities



## INTRODUCTION

The North Jersey Transportation Planning Authority (NJTPA) Fiscal Year 2024 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 2024, the NJTPA will undertake a variety of new initiatives, summarized below, including developing Local Safety Action Plans for subregions; updating the region's Congestion Management Process analysis; updating 2050 Freight Industry Level Forecasts for 2050; updating Project Criteria and Scoring; providing consultant assistance to subregions with preparing of Local Safety Applications; and comparing and analyzing the presence or absence of existing advisory speed signs; upgrading NJTPA's firewall security system; 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 2024 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](http://www.njtpa.org).

Tasks in the FY 2024 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, transportation stakeholders and the public.
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 the updated Long Range Transportation Plan (LRTP), [\*Plan 2050: Transportation. People. Opportunity.\*](#), on September 13, 2021. Staff will focus on implementing the plan in FY 2024 and beginning work on the next plan update.
4. ***Develop a fiscally constrained Transportation Improvement Program (TIP)*** that identifies project priorities drawn from the LRTP. The NJTPA adopted the current FY 2022 TIP on September 13, 2021. It is an agenda of transportation projects for Fiscal Years 2022 – 2025. In FY 2024, staff will focus on completing and adopting an updated TIP covering Fiscal Years 2024 – 2027.
5. ***Identify performance measure targets*** and monitor whether implemented projects are achieving targets. NJTPA has two main tasks in the FY 2024 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 2024 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 2024 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 2024 are noted in Table C of the introduction's FY 2024 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

*Forecasting 24/202* – The NJTPA coordinates with partners on demographic and employment forecasting, with FY 2024 work concentrating on local geographies based on regional and county data.

*Household Travel Survey 24/202* – The NJTPA works with partner agencies on periodic large-scale surveys of travel behavior throughout the New York/New Jersey metropolitan area. Initial work on the next such survey should begin FY 2024.

*Accessibility and Mobility Regional Reassessment 24/203* – The NJTPA will update the region's Congestion Management Process analysis, applying new data to examine performance measures, travel needs and potential locations to implement mobility strategies. The effort will support the next LRTP and the advancement of plans and programs in NJTPA and partner processes.

*Performance Based Advancement 24/204* – The NJTPA will work to expand the use of the updated PRIME 2.0 online catalog of planning study findings to support planning and project development.

*Air Quality SIP and GHG Inventory Updates 24/205* – The NJTPA anticipates additional regionally significant projects to advance from the IJA for amendment into the FY 2025 TIP, necessitating an additional air quality conformity analysis between scheduled

biennial analyses (FY 2024 and FY 2026). In addition, NJTPA will work with NJDEP to address changes resulting from the reclassified NY-NJ-CT non-attainment area and will perform an update to the on-road mobile Green House Gas (GHG) emissions and forecasts in the NJTPA's GHG Inventory, including supporting documentation. The updated GHG inventory task will also integrate Electric Vehicles (EVs) into the GHG emissions calculations, and include staff support for modeling. A Transportation Advisory Committee meeting (TAC) will be convened to help guide the GHG Inventory process.

## REGIONAL PLANNING

***Local Safety Action Plans 24/303*** – This effort will coordinate the development of Local Safety Action Plans (LSAPs). The LSAPs will implement the National Road Safety Strategy and use a Safe Systems Approach. LSAPs are required for subregions and municipalities to apply for construction grant opportunities through the IIJA Safe Streets and Roads for All (SS4A) competitive grant program.

***FY 2024 Complete Street Technical Assistance 24/307*** – NJTPA will support the New Jersey Bicycle and Pedestrian Resource Center at the Voorhees Transportation Center at Rutgers University, with the assistance of the Sustainability Institute at the College of New Jersey, in providing planning-level technical assistance to municipalities. The effort will promote participation in Complete Streets training workshops organized by the NJDOT Bureau of Safety, Bicycle and Pedestrian Programs and leverage interest in Complete Streets gained from these training sessions to market the availability of free direct technical assistance to interested municipalities in the NJTPA region. Planning-level technical assistance will be provided on a competitive basis, and may include the following: Walkable Community Workshops, Pedestrian and/or Bicycle Network Plans, Temporary Demonstration Project Guidance, and Complete and Green Streets Policies.

***FY 2024 TNJ Initiative 24/307*** – NJTPA will support the Together North Jersey (TNJ) Initiative with technical support from the Voorhees Transportation Center (VTC) at Rutgers University to advance the TNJ Plan recommendations and vision for the region. VTC will support the NJTPA in organizing and producing TNJ Forums and other events, such as TNJ Institute workshops. It will also support the Vibrant Places program, and delivery of a knowledge-building research project.

## FREIGHT PLANNING

***2050 Freight Industry Level Forecasts Update 24/401*** – Conditions in supply chains and the goods movement industry continue to evolve, most recently as a result of the COVID pandemic, changing international conditions, and a significant increase in international cargo through the region's port. In response, the NJTPA will develop updated freight forecasts for the region. This effort is an update of the 2050 Freight Industry Level

Forecasts completed in 2020. The results of this work will serve as background for the next NJTPA LRTP as well as freight and subregional planning studies. NJTPA will use the products of this study to update the NJTPA Freight Activity Locator Hub Site.

## **CAPITAL PROGRAMMING**

*Criteria Development and Project Scoring Update 24/501* – Based upon an analysis of the current criteria and IJA legislation, staff will work with a consultant to recommend an array of possible changes to the NJTPA's Project Prioritization Criteria and will update the scoring application and manual of the criteria that is used to help stakeholders understand and provide input into project selection.

## **LOCAL PROJECT DEVELOPMENT**

*FY 2024 Consultant Assistance with Local Safety Application - Studies and Analyses 24/602* – This continuing effort will provide consultant support to Subregions in preparing comprehensive Local Safety Program (LSP) applications, through 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 Road Safety Audit or could be identified by the Subregions as needed to prepare a comprehensive LSP application.

*Systemic Improvements to Horizontal Curve Advisory Speed Signs 24/602* – NJDOT's consultant completed the Regional Curve Inventory and Safety Assessment for the NJTPA region. A curve advisory speed report has been created for each county which identifies all curves on county and municipal roadways (functional classification of collector or higher) where advisory speed signs are required or recommended. This is a new, local capital safety project that will provide consultant support to the subregions. It will begin in the Preliminary Engineering phase with a comparison of the curve report recommendations, and the presence/absence of existing advisory speed signs. In the Final Design phase the consultant will prepare abbreviated Plans Specifications and Estimates packages for each subregion for construction authorization for new sign installations.

## **COMMUNICATIONS AND PUBLIC AFFAIRS**

*Long Range Transportation Plan Public Outreach 24/701* – A consultant will be hired to assist in developing, promoting, conducting and documenting an innovative, creative, comprehensive, and inclusive public outreach program for the LRTP slated to be adopted by the NJTPA Board of Trustees in fall 2025. The consultant would be retained in late FY 2024, with most of the outreach being conducted in FY 2025.

*FY 2024 Innovative Public Engagement 24/701* – This subrecipient-supported effort includes continuing the pilot Outreach Liaison Program, which aims to better engage traditionally underrepresented populations, and supporting the UpNext North Jersey young adult advisory group. The subrecipient will also begin developing strategies for engaging traditionally underserved populations in the next LRTP, in preparation for outreach to be conducted in FY 2025 (under a new contract).

## **INFORMATION TECHNOLOGY**

*Network Development, Administration and Security 24/801* – IT services and infrastructure will continue to be developed and administered with a focus on NJTPA cybersecurity tools/services/hardware to protect valuable data and information through layered defensive mechanisms, referred to as defense-in-depth capabilities.

*Application Development, Administration, and Support 24/802* – Internal custom web applications will be maintained and developed, including the UPWP Grant Management System, SAP ERP system, and Goods Movement application.

## **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 2024 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 23 percent of the NJTPA’s federal allocation for the FY 2024 UPWP will be passed through or used to support this local planning work over the next two fiscal years. This also includes several Central Staff projects outlined in Chapter I that provide direct support to local agencies.

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 in facilitating public participation and input on key issues. 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. Four subregional studies initiated in previous years will continue in FY 2024 and three new studies have been selected for funding: Hudson County - West Hudson Circulation Plan; Middlesex County - Road Safety Audits; and Warren County - Comprehensive Complete Street Policy.

### **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 management activities. This includes encouraging and enabling commuters and other travelers to make choices other than driving alone, including taking transit, riding together, biking, or walking; promoting and supporting non-auto travel to employers; sharing information about construction and events that cause travel disruptions; and educating the public about air quality and electric vehicles.

In addition, during FY 2024 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 2024 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 United States Department of Transportation (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.

Work tasks associated with these planning emphasis areas are included throughout the FY 2024 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 IJJA. 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 injuries 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 Strategic Highway Safety Plan (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 2024 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 2024 Work Program Budget

Traditionally, funding for MPO activities has been provided by the USDOT, specifically FHWA and FTA. This funding includes FHWA Metropolitan Planning Program (PL) funds, FTA Section 5303\5305(d) metropolitan planning funds flexed to FHWA, and FHWA Surface Transportation Block Grant Program (STBGP) funds.

The total budget for the NJTPA’s FY 2024 work program (not including consultant and subrecipient activities continuing from prior UPWPs and capital projects authorized under the Local Safety Program) is \$29,057,500. 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 2024 consultant supported projects and subcontracts, Table C provides a list of consultant projects and subcontracts continuing from the FY 2023 UPWP, and Table D provides a summary of new and continuing NJTPA Local Safety Program Capital Projects. Further details of the budget are provided in the FY 2024 UPWP Budget Book.

*Figure 1 - FY 2024 UPWP Expenditures*

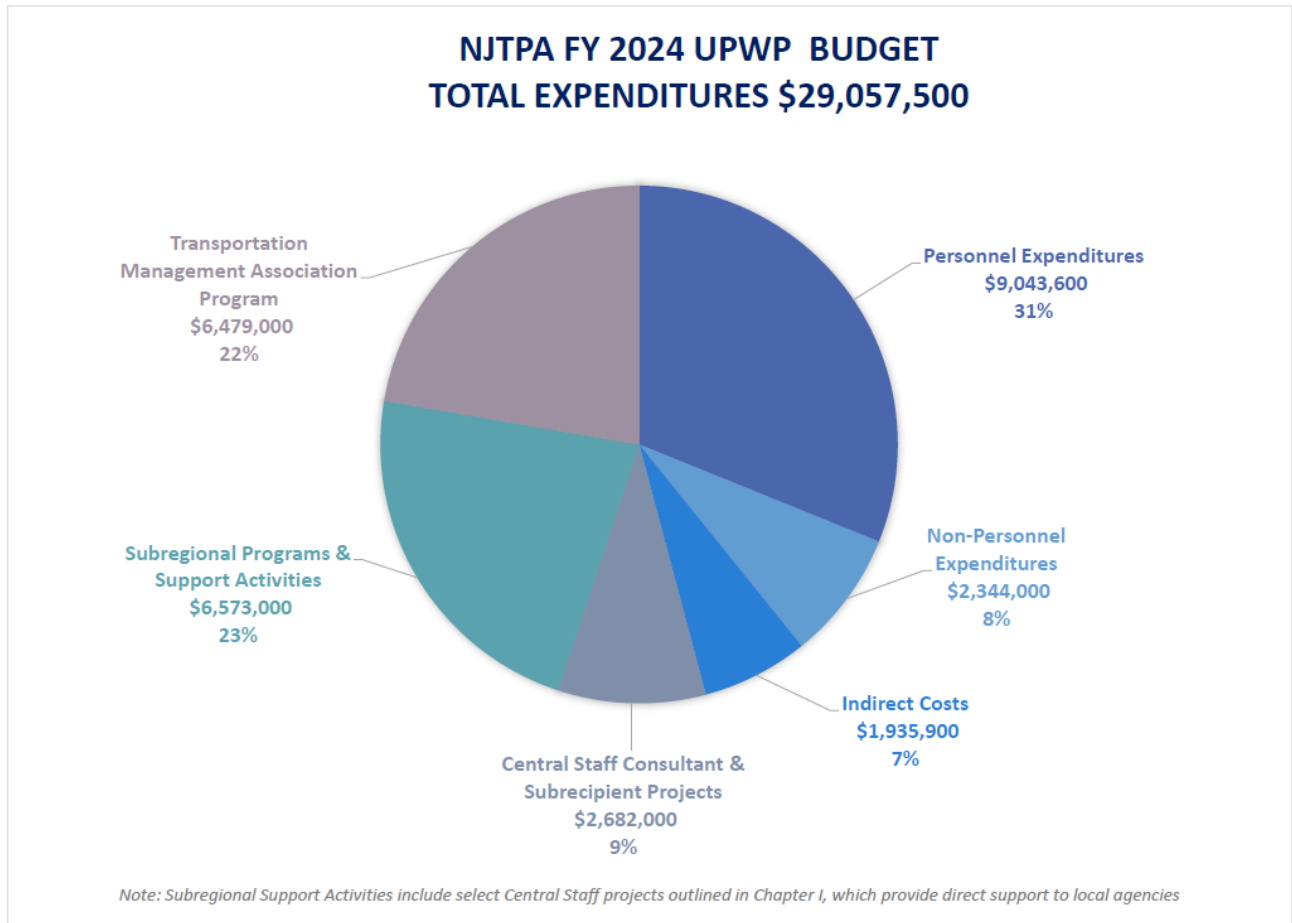


Figure 2 - FY 2024 UPWP Revenues

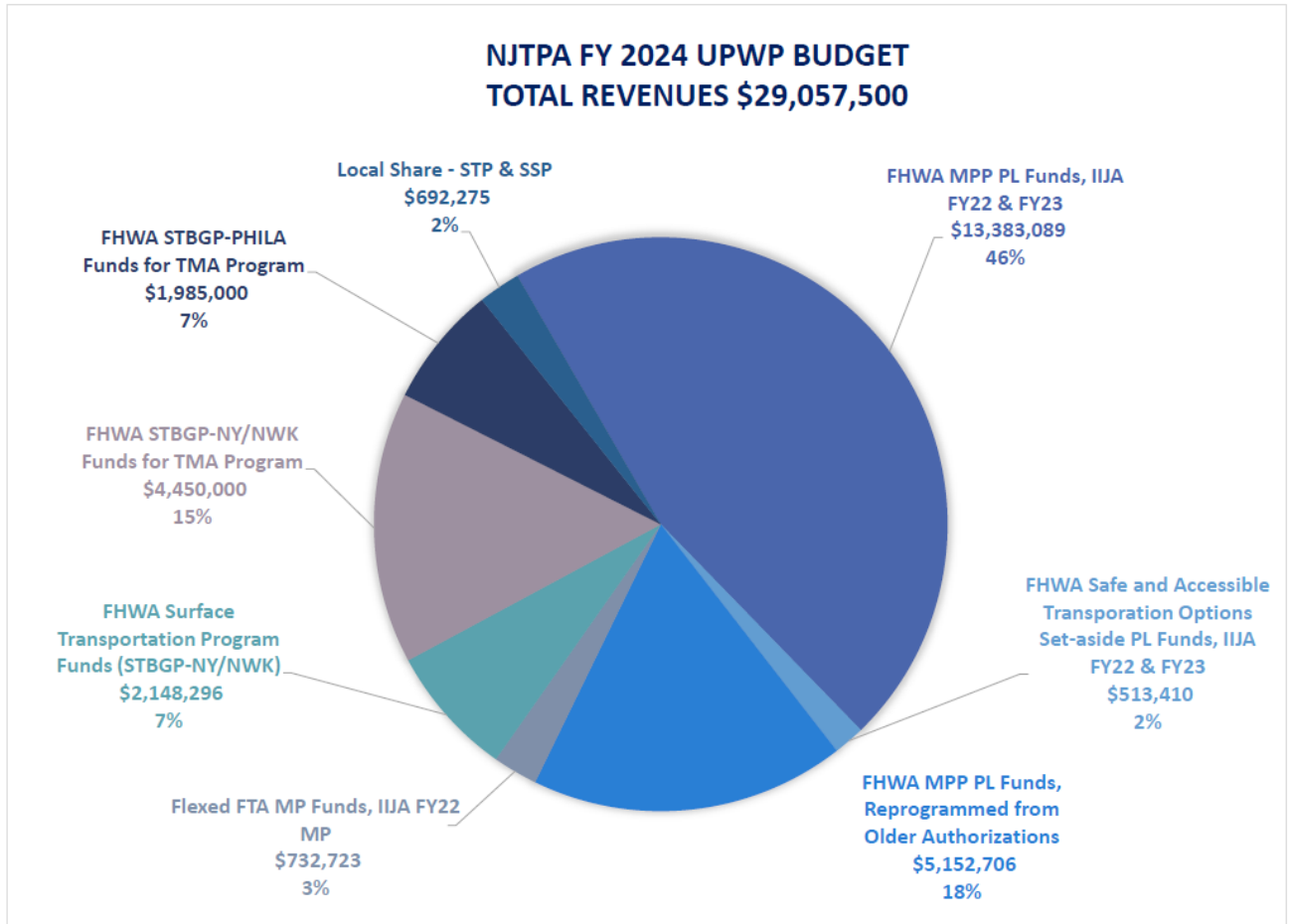


Table A

**NJTPA FY 2024 UPWP Budget  
Summary of Costs by Program Area and Tasks - Expenditures**

Program Area	Task No.	Task Activity	FTE	Expenses					Total
				Personnel Expenditures	Non-Personnel Expenditures	Indirect Costs	Contractual		
<b>UNIFIED PLANNING WORK PROGRAM</b>	24/101	UPWP Administration	6.9	\$ 831,865	\$ 215,610	\$ 178,072	\$ -	\$ 1,225,547	
	24/102	Grants and Contracts Administration	3.9	\$ 540,675	\$ 140,137	\$ 115,739	\$ -	\$ 796,550	
	24/103	Title VI Implementation and Reporting	0.2	\$ 26,577	\$ 6,888	\$ 5,689	\$ -	\$ 39,155	
<b>SYSTEMS PLANNING, MODELING AND DATA</b>	24/201	Performance Measures and Data	1.5	\$ 204,814	\$ 53,085	\$ 43,843	\$ -	\$ 301,743	
	24/202	Modeling and Forecasting	1.8	\$ 258,335	\$ 66,958	\$ 55,300	\$ 253,000	\$ 633,593	
	24/203	Congestion Management Process	1.8	\$ 213,017	\$ 55,212	\$ 45,599	\$ 253,000	\$ 566,828	
	24/204	Performance Based Advancement	1.4	\$ 192,517	\$ 49,898	\$ 41,211	\$ -	\$ 283,626	
	24/205	Air Quality Planning and Conformity Analysis	1.5	\$ 220,221	\$ 57,079	\$ 47,141	\$ 177,000	\$ 501,441	
	24/206	GIS, Data Resources and Planning Tools	1.9	\$ 214,220	\$ 55,523	\$ 45,857	\$ -	\$ 315,600	
	24/207	Transportation Technology for Planning and Operations	1.4	\$ 210,865	\$ 54,654	\$ 45,138	\$ -	\$ 310,657	
<b>REGIONAL PLANNING</b>	24/301	Long Range Planning	1.7	\$ 215,591	\$ 55,879	\$ 46,150	\$ -	\$ 317,620	
	24/302	Planning Studies	1.0	\$ 119,035	\$ 30,853	\$ 25,481	\$ -	\$ 175,369	
	24/303	Safety Planning	2.3	\$ 276,670	\$ 71,710	\$ 59,225	\$ 1,667,000	\$ 2,074,605	
	24/304	Subregional Pass Through programs	2.2	\$ 250,735	\$ 64,988	\$ 53,673	\$ 3,723,000	\$ 4,092,396	
	24/305	Mobility Programs	1.8	\$ 203,735	\$ 52,806	\$ 43,612	\$ 6,479,000	\$ 6,779,153	
	24/306	Environmental and Climate Change Programs	1.5	\$ 188,085	\$ 48,750	\$ 40,262	\$ -	\$ 277,097	
	24/307	Livable Communities Planning	2.1	\$ 282,815	\$ 73,302	\$ 60,540	\$ 429,000	\$ 845,658	
<b>FREIGHT PLANNING</b>	24/401	Freight Planning and Coordination	2.8	\$ 430,365	\$ 111,546	\$ 92,125	\$ 556,000	\$ 1,190,036	
<b>CAPITAL PROGRAMMING</b>	24/501	Transportation Improvement Program	5.7	\$ 768,075	\$ 199,076	\$ 164,416	\$ 480,000	\$ 1,611,568	
<b>LOCAL PROJECT DEVELOPMENT</b>	24/601	Local Capital Project Delivery Program	2.4	\$ 319,540	\$ 82,821	\$ 68,402	\$ -	\$ 470,763	
	24/602	Local Safety Programs	3.4	\$ 463,295	\$ 120,081	\$ 99,174	\$ 1,010,000	\$ 1,692,550	
	24/603	Transportation Alternatives and Safe Routes to School	0.2	\$ 29,638	\$ 7,682	\$ 6,344	\$ -	\$ 43,664	
<b>PUBLIC AND EXTERNAL AFFAIRS</b>	24/701	Public Involvement/Outreach	7.0	\$ 867,860	\$ 224,940	\$ 185,777	\$ 404,000	\$ 1,682,576	
	24/702	Committee Support	2.0	\$ 349,130	\$ 90,491	\$ 74,736	\$ -	\$ 514,356	
	24/703	Interagency Collaboration and External Affairs	1.0	\$ 206,005	\$ 53,394	\$ 44,098	\$ -	\$ 303,497	
<b>INFORMATION SYSTEMS</b>	24/801	Information Systems Support and Development	2.6	\$ 383,700	\$ 99,451	\$ 82,136	\$ -	\$ 565,287	
	24/802	Applications, Software, and Database Development	5.2	\$ 776,220	\$ 201,188	\$ 166,160	\$ 303,000	\$ 1,446,568	
<b>Total</b>			<b>67.1</b>	<b>\$ 9,043,600</b>	<b>\$ 2,344,000</b>	<b>\$ 1,935,900</b>	<b>\$ 15,734,000</b>	<b>\$ 29,057,500</b>	

**Note:** The FY 2024 UPWP's contractual budgets include a 1% administrative fee, to be included with the subcontracts' costs in the federal budget and funding agreements for NJTPA's administration of the subcontracts.

Table B

### NJTPA FY 2024 UPWP Budget New Contractual/Consultant Projects

**NEW FY 2024 UPWP Projects - Task Order PL-NJ-24-01**

Task No.	Task Activity	Contract Budget	Total Project Budget <sup>1</sup>	Effective Funding Period
<b>UPWP Consultant Projects (Chapter I)</b>				
24/203-01	Accessibility and Mobility Regional Reassessment	\$ 250,000	\$ 253,000	7/1/23 - 6/30/25
24/205-01	Air Quality SIP and GHG Inventory Updates	\$ 175,000	\$ 177,000	7/1/23 - 6/30/25
24/303-01	Local Safety Action Plans	\$ 1,650,000	\$ 1,667,000	7/1/23 - 6/30/25
24/401-01	2050 Freight Industry Level Forecasts Update	\$ 550,000	\$ 556,000	7/1/23 - 6/30/25
24/501-01	Criteria Development and Project Scoring Update	\$ 475,000	\$ 480,000	7/1/23 - 6/30/26
24/602-01	FY 2024 Consultant Assistance with LSP - Studies and Analyses	\$ 1,000,000	\$ 1,010,000	7/1/23 - 6/30/26
24/701-01	Long Range Transportation Plan Public Outreach	\$ 300,000	\$ 303,000	7/1/23 - 6/30/26
23/802-01	FY 2024 UPWP Management System Support	\$ 300,000	\$ 303,000	7/1/23 - 6/30/25
<b>Subtotal - UPWP Consultant Projects</b>		<b>\$ 4,700,000</b>	<b>\$ 4,749,000</b>	
<b>UPWP Subrecipient Projects (Chapter I)</b>				
24/202-01	Trans - Hudson Bus Survey Phase IV	\$ 250,000	\$ 253,000	7/1/23 - 6/30/24
24/307-01	FY 2024 TNJ Initiative	\$ 225,000	\$ 227,000	7/1/23 - 6/30/24
24/307-02	FY 2024 Complete Streets Technical Assistance	\$ 200,000	\$ 202,000	7/1/23 - 6/30/25
24/701-02	FY 2024 Innovative Public Engagement	\$ 100,000	\$ 101,000	7/1/23 - 6/30/24
<b>Subtotal - UPWP Subrecipient Projects</b>		<b>\$ 775,000</b>	<b>\$ 783,000</b>	
<b>UPWP Pass-Through Programs (Chapters II &amp; III)<sup>2</sup></b>				
24/304-01	FY 2024 Subregional Transportation Planning Program	\$ 2,283,875	\$ 2,307,000	7/1/23 - 6/30/24
24/304-02	FY 2024 STP Supplemental Support	\$ 225,000	\$ 227,000	7/1/23 - 6/30/24
24/304-03	FY 2024 - FY 2025 Subregional Studies Program	\$ 1,177,500	\$ 1,189,000	7/1/23 - 6/30/25
24/305-01	FY 2024 Transportation Management Association Program	\$ 6,415,000	\$ 6,479,000	7/1/23 - 6/30/24
<b>Subtotal - UPWP Pass-Through Programs</b>		<b>\$ 10,101,375</b>	<b>\$ 10,202,000</b>	
<b>Total</b>		<b>\$ 15,576,375</b>	<b>\$ 15,734,000</b>	

**Notes:**

- (1) Includes 1% NJTPA Administration Fee, to be added to the subcontract costs for the federal budget and funding agreements.
- (2) A detailed list of subcontracts for the pass-through programs are provided on page 11.
- (3) The following Central Staff contractual activities (Chapter I) provide direct support to local agencies: 24/303-01, 24/602-01, and 24/307-02.

FY 2024 - FY 2025 Subregional Studies Program, Chapter II	Federal Share	Local Share	Total Contract Budget <sup>1</sup>	Effective Funding Period
Hudson County: West Hudson Circulation Plan	\$ 300,000.00	\$ 75,000.00	\$ 375,000.00	7/1/23 - 6/30/25
Middlesex County: Middlesex County Road Safety Audit	\$ 450,000.00	\$ 112,500.00	\$ 562,500.00	7/1/23 - 6/30/25
Warren County: Comprehensive Complete Street Policy	\$ 192,000.00	\$ 48,000.00	\$ 240,000.00	7/1/23 - 6/30/25
<b>Total FY 2024-FY 2025 SSP Program</b>	<b>\$ 942,000.00</b>	<b>\$ 235,500.00</b>	<b>\$ 1,177,500.00</b>	<b>7/1/23 - 6/30/25</b>

**Notes:**

(1) Total Contract Budget reflects amount to be authorized to subrecipient. It does not include 1% NJTPA Administration Fee, to be added to the subcontract costs for the federal budget and funding agreements. See page 10 of Budget Book.



Table C

**NJTPA FY 2024 UPWP Budget  
Funding Authorized in Prior Fiscal Years for Continuing UPWP Projects**

Continuing Consultant/Contractual Projects	Task No.	Budget	Effective Funding Period
<i>FY 2023 Work Program</i>			
<b>FY 2023 UPWP, Central Staff Consultant Activities (Chapter I)</b>			
RCIS Refinement and Strategy Effectiveness	23/201-01	\$ 200,000	7/1/22-6/30/24
FY 2023 Air Quality Conformity Analysis and GHG Inventory	23/205-01	\$ 500,000	7/1/22-6/30/25
FY 2023 Planning for Emerging Centers *	23/307-01	\$ 525,000	7/1/22-6/30/24
FY 2023 Local Concept Development Studies *	23/601-01	\$ 4,000,000	7/1/22-6/30/25
FY 2023 UPWP Management System Support	23/802-01	\$ 500,000	7/1/22-6/30/24
<b>Total: FY 2023 UPWP, Central Staff Consultant Activities</b>		<b>\$ 5,725,000</b>	
<b>FY 2023 - FY 2024 Subregional Studies Program (Chapter II)</b>			
City of Jersey City: Traffic Calming Tool Kit	22/304-03	\$ 200,000	7/1/22 - 6/30/24
City of Newark: Newark Bike Plan	22/304-03	\$ 375,000	7/1/22 - 6/30/24
Monmouth County: Identification of Barriers to Mobility in Monmouth County	22/304-03	\$ 400,000	7/1/22 - 6/30/24
Passaic County: Passaic County Strategic Infrastructure Investment	22/304-03	\$ 375,000	7/1/22 - 6/30/24
<b>Total: FY 2023 UPWP, Subregional Studies Program</b>		<b>\$ 1,350,000</b>	
<b>Total: Continuing Projects</b>		<b>\$ 7,075,000</b>	

*Table D*

**NJTPA FY 2024 Local Safety Program  
Summary of Capital Projects**

<b>NJTPA Local Safety Program, Capital Projects</b>	<b>Program Budget</b>
FHWA HSIP or STBGP Funds - Systemic Improvements to Horizontal Curve Advisory Speed Signs	\$ 1,950,000
FHWA HSIP Funds - FY 2024 Local Safety Engineering Assistance Program (STIP DB# 04314)	\$ 24,365,000
FHWA HSIP Funds - FY 2020 Local Safety Engineering Assistance Program (STIP DB# 04314)	\$ 9,208,816
FHWA HSIP Funds - FY 2018 Local Safety Engineering Assistance Program (STIP DB# 04314)	\$ 6,879,270
FHWA HSIP Funds - FY 2016-2017 Local Safety Engineering Assistance Program (STIP DB# 04314)	\$ 7,837,155

**Notes:**

- (1) Although Central Staff time administering and supporting the NJTPA Local Safety Program are charged to and reported under the UPWP, consultant contracts for local safety capital projects (preliminary engineering and final design phases of work) are funded through separate federal grant awards that follow different authorization requirements and schedules (similar to NJDOT local aid projects) and are, therefore, not included in the UPWP Budget. A summary of new and continuing Local Safety Program capital projects and programs are included as a separate attachment on pages 15 and 16 of the Budget Book. Further details of the NJTPA Local Safety Program and its capital projects authorized under this program can be found in Chapter I of the UPWP, under Task 24/602, and on the NJTPA's UPWP webpage at <https://www.njtpa.org/localsafety.aspx>.
- (2) In FY 2024 Central Staff will begin developing a new local technical assistance project to prepare Plans, Specifications and Estimates for Systemic Improvements to Horizontal Curve Advisory Speed Signs.
- (3) Authorization for the HSIP FY 2024 LSEAP (formerly FY 2021) is still pending and will be presented to the NJTPA Board for adoption at the March 2023 meeting. The proposed budget represents costs estimated for the Preliminary Engineering (PE) and Final design (FD) phases of work.
- (4) Budget for the HSIP FY 2020 LSEAP includes current authorizations for PE.
- (5) Budget for the HSIP FY 2018 LSEAP includes current authorizations for PE and FD (only 3 projects have advanced to FD: PL-NJ-19-06, PL-NJ-19-07, and PL-NJ-19-11).
- (6) Budget for the HSIP FY 2017 LSEAP includes current authorizations for PE and FD.

# Unified Planning Work Program

## **Task 24/101 UPWP ADMINISTRATION**

**Task Leader:** Angellita Young

### **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 450.334, and is successfully certified by the Federal Highway Administration (FHWA) and Federal Transit Administration (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 Long Range Transportation Plan (LRTP) and Transportation Improvement Program (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: 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 Task Activities**

- Execute UPWP modifications, task order agreements and task order modifications
- Prepare and issue month/quarterly invoices and reports
- Create, review and process purchase agreements/requests.
- Develop the FY 2025 UPWP work plan and budget (December 2023).
- Establish and maintain NJTPA (NJIT) internal accounts in accordance with the approved UPWP budget.
- Maintain office space and ensure lease compliance.
- Submit final report and close-out annual UPWP operating expenses and one-year contractual activities.
- Facilitate and assist auditors with annual UPWP audit.
- Identify and schedule training opportunities for Board members, Central Staff, and subregional staff members as appropriate.
- Perform personnel/payroll administration activities, staff performance evaluations, and recruit personnel for part-time positions and to fill full-time vacancies.

**Key Deliverables**

- FY 2025 UPWP Work Program and Budget (March 2024)
- FY 2023 UPWP final report and invoices (September 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 2023)

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/101	UPWP Administration	Central Staff	\$1,225,547

**Task 24/102 GRANTS AND CONTRACTS ADMINISTRATION**

**Task Leader:** Pamela Lewis

**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 subrecipients’ eligibility to receive federal grants, developing contractual agreements, providing accounting services to support contractual agreements, execution and procurement of planning grants, tracking of projects, and monitoring of 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 currently performed by Central Staff in coordination with NJIT’s Grants and Contracts Office provides necessary administrative coordination with our 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 of 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 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 contracts supporting documentation, including the review of single annual audits, budget plans, indirect costs 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.
- Review the annual DBE/ESBE participation goals set by NJDOT. Monitor and report the attainment of DBE/ESBE participation goals.
- Execute and monitor subrecipient/contractual agreements, and issue purchase orders to subrecipients and consultant vendors.

**Key Deliverables**

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

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/102	Grants and Contracts Administration	Central Staff	\$796,550

**Task 24/103 TITLE VI IMPLEMENTATION AND REPORTING**

**Task Leader:** Angellita Young

**Goals**

The goal of this task is to develop, maintain, audit, and report on policies and procedures related to the NJTPA's Title VI Implementation Plan. This task will ensure 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 the New Jersey Department of Transportation (NJDOT), has committed that, as a condition to receiving any federal assistance from the United States Department of Transportation (USDOT), through FHWA, it will comply with all applicable laws and regulations relating to Title VI and nondiscrimination.

**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 dissemination of information to NJTPA staff, partner agencies, and the public; inclusion of the Title VI policies in solicitations, contracts and agreements, and organizational materials, products and reports; identification, investigation, and remedial action of complaints of discrimination under Title VI; monitoring the federal and state laws, rules, regulations, guidelines, and other relevant information pertaining to Title VI Implementation; Title VI Task Force meetings; 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 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
- Ensure all procurement processes and procedures include required Title VI provisions as applicable are included in solicitations, proposals, and contracts, with outside consultants, subrecipients, and other partner agencies.
- Conduct Title VI Desk Audit Reviews, as required
- Provide Title VI training to NJTPA central staff, subrecipients, and partner agencies, as needed
- Conduct periodic intra-agency task force meetings to develop protocols and guidance on implementation of Title VI Plan

***Key Deliverables***

- Title VI Implementation Plan, updated as needed
- Title VI/Nondiscrimination Annual Work Plan and Accomplishment Report
- Title VI Assurances, updated as required.
- Title VI Task Force Meeting notes

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/103	Title VI Implementation and Reporting	Central Staff	\$39,155

# Systems Planning, Modeling and Data



## Task 24/201 PERFORMANCE MEASURES AND DATA

*Task Leader:* Keith Miller

### *Goals*

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 goal-oriented, 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, equity, safety, maintained infrastructure, great places, and resilience.

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; identifying types of projects and programs that can help address measures and targets; 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 complete the effort to 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 a 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 Task Activities*

- Collect and analyze data to track performance measures; research/develop/apply techniques for forecasting measures, as available and appropriate. 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. Support use of performance measures and targets in other NJTPA and partner efforts.
- 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. 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 TIP projects and programs.

- 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.
- Maintain and enhance the RCIS, reviewing connections to national, regional, and local performance measures and the state capital investment strategy as possible.
- Update and coordinate updates for NJTPA web pages and social media postings related to Systems Planning tasks.

***Continuing Short-term Task Activities***

- Coordinate with subregions to assist NJDOT in the update of adjusted urbanized area (UZA) boundaries following release of Census urban area (UA) boundaries, anticipated in December 2022. (December 2023)
- Consultant Activity: RCIS Refinement and Strategy Effectiveness (March 2024)

***New Task Activities***

- Coordinate with subregions to assist NJDOT to update Highway Performance Management System (HPMS) functional classifications (FC) following FHWA approval of updated adjusted UZA boundaries, anticipated in December 2023 (July 2025)

***Key Deliverables***

- National and regional performance measures, targets, and progress assessment as required and appropriate—enhanced reports (e.g., LRTP system performance report, TIP appendix), dashboards, and other communication methods; consideration of regional targets; monitoring of target attainment and feedback; and Board actions.
- Updated adjusted UZA boundaries.
- Reports (as needed) on the RCIS, data analysis, and System Planning website updates.

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/201	Performance Measures and Data	Central Staff	\$301,743

**Task 24/202 MODELING AND FORECASTING**

***Task Leader:*** Brian Fineman

***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 2023, the NJTPA completed a revalidation project to extend the life of the NJRTM-E, incorporate Census 2020 geographic boundaries and results and allow time to better understand the transportation impacts of the COVID-19 pandemic. In FY 2024 we will explore the future of the NJRTM-E and travel demand modeling in general for the NJTPA.

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. The process for updating forecasts for the 2025 LRTP started in the latter half of FY 2023 and will continue in FY 2024. This will include creation of county-level population, household and employment totals to be used for allocating to the Traffic Analysis Zone (TAZ) level. This process will continue into early FY 2025.

The NJTPA also works with partner agencies in the entire New York/New Jersey metropolitan area when conducting household travel surveys. NJTPA staff will continue to team with the New York Metropolitan Planning Council (NYMTC) for the formation and management of the next survey effort which will begin during FY 2024. In connection with this survey effort, we plan to explore the potential of using passive data collection methods to supplement the traditional mail and phone based survey effort.

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, and 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. 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 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 including development of draft county-based forecasts for the NJTPA region.
- 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, documentation and other modeling needs to enable broad application as needed.
- Support 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, and exploratory modeling capabilities using EMAT.
- Perform model runs and report on findings for selected issues, subarea corridors, or transportation studies as needed.

### *Continuing Short-term Task Activities*

- Updated draft county-level population, household and employment forecasts for the NJTPA region to be used for allocation to the TAZ level.. (June 2024).
- Coordinate on the multi-year consultant-assisted Trans-Hudson Bus Origin-Destination Survey (Phase IV: June 2024).

### ***Key Deliverables***

- 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.
- Draft population, household and employment forecasts for the NJTPA region.

### ***Contractual/Consultant Activities***

- ***Task 24/202-01 : Trans - Hudson Bus Survey Phase IV***

***Project Manager:*** Brian Fineman

***Schedule:*** One Fiscal Year Effort

#### ***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., 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 where NJTPA's funding will be completed in FY 2024 while the consultant's contract with NJ TRANSIT will end in December 2024. FY 2022 tasks included questionnaire development along with a short Spring survey. FY 2023 work included the continuation of survey data collection during Fall 2022 and Spring 2023 along with preliminary data analysis. It is expected in FY 2024 work will include the final survey data collection effort in Fall 2023 along with the completion of data processing including cleaning and weighting activities. Final reports will be completed by December 2024. Final reports will be completed by December 2024. These final reports will include an executive summary with key findings, such as travel patterns and trip characteristics, origin-destination data, customer demographic information, and market share data, along with more detailed reporting on sampling methods and survey instruments.

#### ***Products***

- Collected survey data

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/202	Modeling and Forecasting	Central Staff	\$380,593
24/202-01	Trans - Hudson Bus Survey Phase IV	Subrecipient	\$250,000

**Task 24/203 CONGESTION MANAGEMENT PROCESS**

**Task Leader:** Eugene McGuinness

**Goals**

Maintain a robust performance-based analysis, refined as appropriate to underpin the federally required NJTPA Congestion Management Process 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.

**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 will build upon the prior Accessibility and Mobility Strategy Synthesis to refresh and refine several aspects of the study’s findings. A consultant-supported Regional Reassessment will continue to analyze regional patterns in multimodal access and mobility. Performance oriented data will continue to be applied, such as travel demand, facility operation, contextual land use and updated demographics, and other factors. In support of further study in a Planning and Environmental Linkages approach, environmental context will be expanded upon for identified needs and strategies. As possible, commercially available archived real-time data drawn from passive smartphone collection or other sources will enable more comprehensive views of travel markets, demographic correlations, time period, and mode option issues across the region. Among other applications, this will enable equity to remain an integral consideration for the NJTPA CMP.

Priorities from the RCIS, LRTP, regional performance measures and targets, freight analysis, and other studies will continue to be incorporated as appropriate. Screening analysis for strategy suitability will continue, such as for: transit enhancements, first-mile/last-mile improvements, transit supportive roads, and road improvements. Along with other assessments, this will support the use of the CMP as a basis for programs to implement strategies in the future.

A CMP tracking concept (in conjunction with Task 204) will include subregional and partner outreach to focus the CMP refinement, identifying candidates for existing and potentially new program paths. Track development will recognize supportive parameters and constraints that relate to successful future projects. This may include practical considerations such as potential funding streams, institutional roles, and local engagement. Complementary strategies will be bundled together as appropriate, and recognition of existing projects and programs will be considered.

**Continuing Long-term 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.

- Refine and identify additional regional needs and suitable strategies as they become evident, applying data and tools to assess performance and explore impacts.
- Prepare findings suitable to project and program development, including through entry into PRIME.

#### *Continuing Short-term Task Activities*

- Conduct further screening analysis for strategy implementation using available data and identify potentially viable programs for implementation where appropriate. (January 2024)
- Work with staff and partner agencies on a register of CMP-related project and program ideas to track for advancement. (March 2024)

#### *New Task Activities*

- Identify data sources and performance measures to refresh analysis and further characterize existing needs. (September 2023)
- Conduct analyses relating to general and equity-oriented needs throughout the region, corridors of concern, and strategies to advance. (August 2024)
- Extract narrative and data findings from the Regional Reassessment that can be included in the Long Range Transportation Plan. (September 2024).

#### *Key Deliverables*

- Documented coordination on analysis, via meetings, workshops and presentations.
- Technical memoranda detailing data sources, performance measures, methodologies, and findings.
- Maps (files containing mapping environments, layers, and proofs), tables, and documentation on need- and strategy-oriented data analysis.
- Regional Reassessment technical reports covering findings and summary report synthesizing them.

#### *Contractual/Consultant Activities*

- ***Task 24/203-01 : Accessibility and Mobility Regional Reassessment***

***Project Manager:*** Eugene McGuinness

***Schedule:*** Two Fiscal Year Effort

#### ***Description***

This study will support the NJTPA Congestion Management Process, building on the agency's prior Accessibility and Mobility Strategy Synthesis and reassessing multiple aspects of transportation performance in the region. Updated travel patterns and multimodal accessibility and mobility will be examined, addressing underlying needs of the region's population, aspects of equity, contextual land use and environmental factors, economic and social activities of persons and goods, the capabilities of the existing transportation system, and the potential for improvement through the advancement of key strategies.

As possible, available archived real-time data and other data sources will enable more

comprehensive views of travel markets, demographic correlations, time period, and mode option issues across the region. Transportation modeling outputs and established regional performance measures will help to focus results with both a long term planning perspective and the intent to achieve established performance measure targets.

The Reassessment will incorporate regional, state and local priorities. Engagement of NJTPA partner agencies and information exchange will support consistency of findings and moving strategies toward implementation through appropriate plans and programs.

**Products**

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/203	Congestion Management Process	Central Staff	\$313,828
24/203-01	Accessibility and Mobility Regional Reassessment	Consultant	\$250,000

**Task 24/204 PERFORMANCE BASED ADVANCEMENT**

**Task Leader:** Jeffrey Vernick

**Goals**

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 moving 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 emphasizes coordination and consistency in planning and programming, maintaining agency awareness of the priorities and findings of regional analyses, more localized studies, and projects under development. Activities center on maintaining and adding to the NJTPA’s PRIME library of planning studies and on staff reviews of project development activities. The perspective taken uses performance-oriented features that are consistent with one another (such as categories, performance measures, strategy assessments, contextual considerations or applied data) and the appropriate consideration of complementary strategies as project planning is undertaken. 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 apply the newly updated PRIME 2.0 system for cataloging and searching planning study findings and promote expanded use by NJTPA and partner agency staff. 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 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-oriented actions within TNJ task forces, including workshops and product development.
- 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.
- 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 planning context with consideration of issues such as multimodal, climate, equity, and safety needs, and identify recommendations for advancement toward implementation.
- Report to and engage RTAC, standing committees and partner agencies on advancement activities.
- Update NJTPA web pages related to performance-based planning and programming efforts.

### *Continuing Short-term Task Activities*

- Apply capabilities in PRIME 2.0 to support and coordinate with Task 802. (June 2024)
- Manage the NJTPA review of the NJDOT State Planning and Research/Management System Work Program. (September 2023)
- Produce PRIME annual summary report. (June 2024)
- In conjunction with Task 203, continue to incorporate CMP findings to help update procedures and guidance used to conduct CMP study reviews. (June 2024)

### *New Task Activities*

- Coordinate with subregion and partner agency staff leveraging PRIME 2.0 CMP findings to better support project scoping, planning refinement and project advancement. (June 2024)
- 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)
- In conjunction with Task 307, manage NJTPA coordination and technical support for a new Transit Hub Program to prepare strategic transit hub improvement plans for competitively selected local communities. (June 2024)



**Key Deliverables**

- Managed and populated PRIME 2.0 system, reports, training, user support and adoption guidance for NJTPA, subregion and agency staff to incorporate into work processes. (June 2024)
- Updated CMP-based study and planning review procedures and guidance. (June 2024)
- Documented reviews of advancing FY 2024 NJDOT projects; new NJDOT problem statements as appropriate. (June 2024)
- NJTPA comments on the NJDOT CY 2023-2024 Year 2 State Planning and Research Program. (September 2023)

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/204	Performance Based Advancement	Central Staff	\$283,626

**Task 24/205 AIR QUALITY PLANNING AND CONFORMITY ANALYSIS**

**Task Leader:** Liz DeRuchie

**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. The goal of this task is to support plans and programs that result in reduced mobile source 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 (PM2.5, both daily and annual) and carbon monoxide (CO). A federally mandated activity, this task assesses the air quality impacts of the aggregate 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 with partner agencies. The NJTPA maintains an active Interagency Consultation Group (ICG), comprised of members of the USEPA, NJDOT, NJ TRANSIT, NJDEP, FHWA and FTA, along with neighboring MPOs. In order to respond to anticipated regulatory changes, possible changes in the TIP delivery schedule and increased project delivery from the IJA, consultant support for this task, which began in FY2023, will continue to include FY2024 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 PM2.5 reduction, congestion relief, ITS projects, EV infrastructure and innovative technologies. 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 Task Activities***

- Conduct air quality emissions analyses of transportation plans and programs and develop the conformity determination.
- Convene the ICG to oversee and direct the conformity determination.
- Continue to work closely with NJDEP to develop SIP budgets as required.
- Review, classify and vet all TIP amendments through the ICG to ensure that federal air quality conformity regulations are followed.
- 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 CMAQ authorization process through enhanced communications with NJDOT and project sponsors.
- Support reporting on the impacts of TCAM projects, the NJTPA's overall CMAQ program and the NJTPA CMAQ Performance Plan.

### ***Continuing Short-term Task Activities***

- 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)

### ***New Task Activities***

- Analysis of CMAQ Project Selection and Project Priorities. This effects Climate Change and The Environment. It also promotes Congestion Reduction. Collaboration with NJDOT on project priorities and ways to enhance federal authorization. Internal Collaboration with Capital Programming. (July 2025)

### ***Key Deliverables***

- Conformity determination for the FY 2024 TIP and Plan 2050, and as required GHG Inventory
- Annual status report on local and regional TCAMs including final reports from project sponsors of completed projects

### ***Contractual/Consultant Activities***

- ***Task 24/205-01 : Air Quality SIP and GHG Inventory Updates***

***Project Manager:*** Liz DeRuchie

***Schedule:*** Two Fiscal Year Effort

**Description**

Conduct an air quality conformity analysis on the FY 2025 Transportation Improvement Program (TIP) and the Long-Range Transportation Plan (LRTP). The NJTPA anticipates additional regionally significant projects to advance from the Infrastructure Investment and Jobs Act (IIJA) for amendment into the FY 2025 TIP, necessitating an additional conformity analysis between scheduled biennial analyses (FY2024 and FY2026). The central purpose of this work will be to: estimate the emissions of mobile source criterion- pollutants in the NJTPA’s non-attainment and maintenance areas from the regional transportation network using the U.S. Environmental Protection Agency’s (EPA) Motor Vehicle Emission Simulator (MOVES) model; conduct required SIP work with NJDEP on the reclassified NY-NJ-CT non-attainment area; and expand the on-road mobile Greenhouse Gas (GHG) Inventory to include Electric Vehicles (EVs) and a Technical Advisory Committee.

**Products**

- Conformity Determination on TIP and Long-Range Plan, State Implementation Plan (SIP) development for the NJTPA Region, On-road mobile Greenhouse Gas (GHG) emissions and forecasts in the NJTPA’s GHG Mitigation Plan.

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/205	Air Quality Planning and Conformity Analysis	Central Staff	\$324,441
24/205-01	Air Quality SIP and GHG Inventory Updates	Consultant	\$175,000

**Task 24/206 GIS, DATA RESOURCES AND PLANNING TOOLS**

**Task Leader:** Gabrielle Fausel

**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 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 preparation of maps, tables and charts for NJTPA publications, review of project deliverables as well as employing GIS and other visualization techniques as appropriate.
- Identify, research and develop visualization and analytical planning tools to support NJTPA transportation planning activities. Continue to offer the most up-to-date ESRI GIS training opportunities for NJTPA 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.

**New Task Activities**

- Develop a regional zoning analysis plan. This plan will include identifying data sources, collecting and reviewing available data on land use patterns and zoning (June 2025).

**Key Deliverables**

- Updated ArcGIS Hub initiative sites.
- Updated Title VI and Environmental Justice database and maps.

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/206	GIS, Data Resources and Planning Tools	Central Staff	\$315,600

**Task 24/207 TRANSPORTATION TECHNOLOGY FOR PLANNING AND OPERATIONS**

**Task Leader:** Andy Kaplan

**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 app-based traveler information systems; connected and autonomous vehicles, Mobility as a Service/ Mobility on Demand, intelligent transportation systems and look for ways to integrate them into the NJTPA planning process.

**Description**

Advancing Operations and Intelligent Transportation Systems (ITS) in the NJTPA region 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 operations and technology (including transit signal priority); local Traffic Operations Center (TOC) hardware and software deployment; App-based Traveler Information System coordination; connected and autonomous vehicle research; Mobility as a Service and Mobility on Demand; and using operations data for planning, and data integration,

***Continuing Long-term Task Activities***

- Support subregional partners with the deployment of local ITS, adaptive signal and signal optimization projects, and coordination with NJDOT. Specifically, support the continued adoption and use of the NJ ITS Architecture, technology best practice's, ITS planning and NJDOT Local Aid project authorization.
- Provide subject matter expertise relate to transportation technology and operations for intra-agency studies and other partner agency and subregional efforts impacting the NJTPA region. Participate in relevant external coordination activities, such as representation at local ITS-NJ and ITE meetings, and collaboration with partner agencies.
- Investigate impacts of emerging technologies, such as CV and AVs and connected infrastructure on the transportation system. Support pilot AV applications, provide information and support studies and investments at the subregional level.

***Continuing Short-term Task Activities***

- Facilitate deployments of traffic signal optimization technology along local corridors; including support to all signal projects funded through NJTPA-administered grants, such as CMAQ.

***New Task Activities***

- Advance CV and AV ideas, building of 2023 UPWP task of a CAV Readiness report. Work will be done to identify specific NJTPA activities which can support the incubation and coordination of technological deployment in the region, in alignment with goals of the NJTPA Long Range Plan. Activities would include community building and knowledge transfer events.
- Develop a policy paper on the topic of micro-mobility trends and impacts of Mobility as a Service (MaaS) / Mobility on Demand (MoD). (June 2024)

***Key Deliverables***

- Design and complete a policy report for Mobility as a Service (MaaS) / Mobility on Demand (MoD). (June 2024)
- Manage the Local ITS Deployment Program. Authorize and complete ITS/adaptive and optimized signal projects from NJTPA's TCAM program.
- Continue NJTPA to support and advance CVs and AVs in the region. (June 2024)

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/207	Transportation Technology for Planning and Operations	Central Staff	\$310,657

# Regional Planning

## Task 24/301 LONG RANGE PLANNING

**Task Leader:** Peter Zambito

### 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 continue necessary preparation for 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 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, including coordination with DVRPC to manage the Central Jersey Transportation Forum.
- 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

- Outreach and coordination to implement Plan 2050 strategies and policies. (June 2024)
- Support NJDOT and NJ TRANSIT in developing the Statewide Long Range Transportation Plan. This includes collaboration and public involvement activities and other support as requested. (June 2024)
- Develop background papers covering topics relevant to the next LRTP. (June 2024)

### New Task Activities

- Develop the RFP for the next LRTP's Financial Element. (June 2024)

### Key Deliverables

- RFP for the next LRTP Financial Element (June 2024)
- Background papers, analysis, and collaboration to support the update of the LRTP (June 2024)

### Project Cost

Task Id	Task Activity	Budget Line Item	Total
24/301	Long Range Planing	Central Staff	\$317,620

## Task 24/302 PLANNING STUDIES

**Task Leader:** Peter Zambito

### 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.

### Continuing Long-term 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.
- 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 East Coast Greenway, Morris Canal Greenway, 9/11 Memorial Trail, Essex Hudson Greenway, and other trails. 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.

### New Task Activities

- Advance recommendations of the Regional Active Transportation Plan effort, completed in FY 2023. This may include initiation of a regional trails support program to facilitate coordination with external planning partners on initiatives that can expand the region's network of multimodal trails. (June 2024)
- Identify potential subarea or corridor studies to be undertaken by the NJTPA or others that advance the LRTP, CMP, resiliency, freight movement, or other regional priorities. (June 2024)

### Key Deliverables

- Reports or initiatives supporting implementation of trails and active transportation facilities (June 2024)
- Candidate subarea or corridor studies for potential study by the NJTPA or others (June 2024)



**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/302	Planning Studies	Central Staff	\$175,369

**Task 24/303 SAFETY PLANNING**

**Task Leader:** Keith Hamas

**Goals**

The goal of this task is to reduce traffic fatalities and serious injuries for all users on public roads using a systemic, data-driven approach that incorporates the Safe System Approach.

**Description**

This task supports the implementation of the New Jersey statewide Strategic Highway Safety Plan (SHSP), adopted in August 2020, by advancing its safety strategies at the regional and subregional level. Central Staff will coordinate with partners to implement safety strategies that contribute to the goal of eliminating roadway fatalities in the state. Staff will continue to apply data-driven approaches to safety related performance measures, local programs, and multimodal planning initiatives. Staff will guide and manage a consultant effort to create Local Safety Action Plans for subregions that want them, using a Safe System Approach and in keeping with the guidance for these plans contained in the Infrastructure Investment and Jobs Act Safe Streets and Roads for All competitive grant guidelines.

For more information on NJTPA's safety initiatives visit <https://www.njtpa.org/Planning/Regional-Programs/Safety.aspx>.

**Continuing Long-term Task Activities**

- Coordinate with NJDOT, planning partners, and the Statewide Traffic Records Coordinating Committee (STRCC) to improve safety data quality (an SHSP Emphasis Area).
- 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.
- Implementing SHSP strategies and work toward reaching plan goals. This includes leading and participating in emphasis area teams and the steering committee.

**New Task Activities**

- Coordinate with participating subregions to manage the consultant-supported development of local safety action plans (June 2024)

**Key Deliverables**

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

- Project management of a consultant supported initiative to create subregional Local Safety Action Plans. This includes review and approval of invoices and deliverables, and coordination with subregions, the consultant, and stakeholders.

**Contractual/Consultant Activities**

- **Task 24/303-01 : Local Safety Action Plans**

**Project Manager:** Keith Hamas

**Schedule:** Two Fiscal Year Effort

**Description**

This effort will coordinate the development of Local Safety Action Plans (LSAPs) with approximately 10 to 12 subregions. The LSAPs will implement the National Road Safety Strategy and use a Safe System Approach. LSAPs are required for subregions and municipalities to apply for construction grant opportunities through the Infrastructure Investment and Jobs Act (IIJA) Safe Streets and Roads for All (SS4A) competitive grant program. The SS4A provides \$5B over five years to support planning and construction that seeks to eliminate traffic fatalities. The LSAPs will include support for subregional implementation teams, data and analysis, identification of strategies, public engagement and incorporation of equity, and guidance and support for the adoption of Vision Zero goals and endorsement by subregional governing bodies. Subregional LSAPs will include all roadways, regardless of jurisdiction.

**Products**

- Local Safety Action Plans

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/303	Safety Planning	Central Staff	\$407,605
24/303-01	Local Safety Action Plans	Consultant	\$1,650,000

**Task 24/304 SUBREGIONAL PASS THROUGH PROGRAMS**

**Task Leader:** William Long  
Justine Recio-Patel

**Goals**

The goal of this task is to administer the annual Subregional Transportation Planning (STP) program and to administer the annual Subregional Studies Program (SSP).

**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. A detailed program description is provided in Chapter II, along with the subregional work

programs.

Furthermore, this task also provides for administration of the federally funded Subregional Studies Program (SSP). The SSP program provides technical and financial assistance to subregions on a competitive basis to conduct analysis and develop recommendations that 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, including study descriptions, is provided in Chapter II.

### ***Continuing Long-term Task Activities***

- 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.
- Administer the FY 2024 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 2024 STP Program Supplemental Support for compliance with program requirements.

### ***Continuing Short-term Task Activities***

- Administer the FY 2023-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 2024)

### ***New Task Activities***

- Conduct the FY 2025 STP Program solicitation process and prepare the STP work program for the FY 2025 UPWP, including preparation of a solicitation document and review of proposed subregional work programs. (October 2023)
- Develop a solicitation for the FY 2025-FY 2026 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 2025 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 2024-FY 2025 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 2024)

### ***Key Deliverables***

- STP regional reports
- FY 2025 STP Program solicitation and subregional work programs

- SSP regional reports
- FY 2023 - FY 2024 SSP study final reports, executive summaries, and all study deliverables
- FY 2025 - FY 2026 SSP solicitation
- Preparation of FY 2025 - FY 2026 SSP studies for Chapter II of the FY 2025 UPWP
- Initiation of FY 2024-2025 SSP studies

#### ***Contractual/Consultant Activities***

- ***Task 24/304-01 : FY 2024 Subregional Transportation Planning Program***

***Project Manager:*** Justine Recio-Patel

***Schedule:*** One Fiscal Year Effort

#### ***Description***

The Subregional Transportation Planning (STP) Program provides funding to each subregion for essential transportation planning, programming and administrative activities that support the goals and policies in the NJTPA Long Range Transportation Plan (LRTP). These activities include collecting data, analyzing project needs, facilitating public participation and sharing information.

Under the STP, the NJTPA provides federal funding to support subregional planning work, and the funds are matched by a local contribution. As vital partners in regional planning work, the subregions help bring a local perspective to all aspects of NJTPA's work to improve the northern New Jersey transportation network.

#### ***Products***

- Subregional Work Programs
- Quarterly Progress Reports and Invoices

#### ***Contractual/Consultant Activities***

- ***Task 24/304-02 : FY 2024 Supplemental Subregional Support***

***Project Manager:*** Justine Recio-Patel

***Schedule:*** One Fiscal Year Effort

#### ***Description***

The Subregional Transportation Planning (STP) Program Supplemental Support funding provides federal funding to support the diverse needs of subregions' local planning program activities detailed in the FY 2024 Work Program. A supplemental budget of \$15,000 is allocated to each subregion.

STP Supplemental Support funding may be used towards five distinct areas of support: Technology Support, Intern Support, Training and Professional Development, Public Outreach Language Translations, and Advertising and Printing/Reproduction.

#### ***Products***

- Technology, Intern Support, Training and Professional Development, Public Outreach Language Translations, and Advertising and Printing/Reproduction in support of subregional' Work Programs

**Contractual/Consultant Activities**

- **Task 24/304-03 : FY 2024 - FY2025 Subregional Studies Program**

**Project Manager:** William Long

**Schedule:** Two Fiscal Year Effort

**Description**

The Subregional Studies Program (SSP) provides technical and financial assistance to subregions and subregional teams, on a competitive basis, to produce studies of important regional mobility and accessibility issues. This program is an extension of the NJTPA’s Subregional Transportation Planning (STP) program.

These studies produce recommendations consistent with the Long-Range Transportation Plan (LRTP), the Congestion Management Process (CMP), and federal guidance. The SSP is a critical element of the NJTPA’s continuous, cooperative, and comprehensive metropolitan planning process. Subregions are encouraged to propose studies that complement other planning work in the NJTPA region and within the local area. Products developed through this program must address significant transportation challenges within the region and must be consistent with plans and priorities at the state and regional level.

**Products**

- Final Reports and other Final Deliverables
- Quarterly Progress Reports and Invoices

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/304	Subregional Pass Through Programs	Central Staff	\$369,396
24/304-01	FY 2024 Subregional Transportation Planning Program	Pass-Through Grant	\$2,283,875
24/304-02	FY 2024 Supplemental Subregional Support	Pass-Through Grant	\$225,000
24/304-03	FY 2024 - FY2025 Subregional Studies Program	Pass-Through Grant	\$1,177,500

**Task 24/305 MOBILITY PROGRAMS**

**Task Leader:** Jasmine Grossmann

### **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 safety strategies and initiatives (24/303) 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.

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. Staff will serve as a technical resource to applicants during project implementation and monitor project outcomes.

This task will lead the Complete Streets Demonstration Library program, which provides materials to implement temporary demonstration projects. These materials are available to borrow for projects that test out Complete Streets strategies in communities throughout the region and state. Activities will include the promotion and delivery of the program and include replenishment of materials.

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 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, and attendance at TMA Board and other related meetings.
- Work to advance the recommendations of the regional CHSTP and the Transportation Demand 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.

- Support and monitor the implementation of NJTPA grant-funded projects, such as the LMI projects, in coordination with NJ TRANSIT.
- Program management, oversight, and coordination of the TMA Program.

***New Task Activities***

- Complete Streets Demonstration Library implementation

***Key Deliverables***

- Complete Streets Demonstration Library summary memo

***Contractual/Consultant Activities***

- ***Task 24/305-01 : FY 2024 Transportation Management Association Program***

***Project Manager:*** Peter W. Bilton

***Schedule:*** One Fiscal Year Effort

***Description***

The TMA Program contains the activities conducted by the Transportation Management Associations (TMA) throughout New Jersey in their support of statewide transportation demand management activities. This includes encouraging and enabling commuters and other travelers to make choices other than driving alone, including taking transit, riding together, biking, or walking; promoting and supporting non-auto travel to employers; sharing information about construction and events that cause travel disruptions; and educating the public about air quality and electric vehicles.

During FY 2024 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).

***Products***

- TMA Work Programs
- Quarterly Progress Reports and Invoices

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/305	Mobility Programs	Central Staff	\$300,153
24/305-01	FY 2024 Transportation Management Association Program	Pass-Through Grant	\$6,415,000

## **Task 24/306 ENVIRONMENTAL AND CLIMATE CHANGE PROGRAMS**

**Task Leader:** Zenon Tech-Czarny

### **Goals**

The goals of this task are to create a better understanding of GHG emissions from on-road transportation, mitigate GHG emissions from transportation, and adapt to the impacts of extreme weather on the transportation system in the NJTPA region. These goals serve the NJTPA's goal of contributing towards a more livable and sustainable region.

### **Description**

This task continues to support the GHG inventory work in Task 205 (Air Quality Planning and Conformity Analysis) and analyze the GHG emissions from on-road transportation. It also investigates new methods to track GHG emissions from on-road transportation as electric vehicles become more common and the technology to measure travel improves.

This task advances efforts to mitigate GHG emissions from transportation by providing information about EVs as well as developing and implementing a Carbon Reduction Strategy. It also explores methods to measure GHG emissions reductions from various projects.

This task continues to monitor the impact of extreme weather on the transportation system and works to advance adaptation projects through the NJTPA, state and federal programs.

This task also continues collaboration with federal, state, regional, county, municipal, nonprofit, and other partners on GHG mitigation and climate adaptation issues.

### **Continuing Long-term Task Activities**

- Analyze the GHG inventory data prepared in activity 205 (Air Quality Planning and Conformity Analysis) and develop new methods to track GHG emissions from the transportation sector.
- Advance GHG mitigation efforts such as providing information and technical support to further electric vehicle adoption as well as developing and implementing a Carbon Reduction Strategy.
- Monitor the impact of extreme weather on the transportation system and advance adaptation measures.
- Collaborate with partners on GHG accounting, mitigation, and climate adaptation issues.

### **Continuing Short-term Task Activities**

- Analyze the NJTPA's on-road transportation GHG emission data and share it publicly. (June 2024)
- Track electric vehicle data and encourage the adoption of EVs and charging infrastructure through information sharing and technical assistance. (June 2024)
- Monitor the impact of extreme weather on transportation infrastructure and mobility. (June 2024)

### **New Task Activities**

- Develop the NJTPA Regional Carbon Reduction Strategy. (June 2024)
- Help develop and implement a statewide Carbon Reduction Strategy in consultation with NJDOT for the Bipartisan Infrastructure Law's Carbon Reduction Program. (June 2024)



- Identify and select projects for carbon reduction efforts. (June 2024)
- Identify adaptation projects for Bipartisan Infrastructure Law’s PROTECT Program. (June 2024)

**Key Deliverables**

- An updated GHG inventory report based on the FY 2023 inventory
- NJTPA Regional Carbon Reduction Strategy Report

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/306	Environmental and Climate Change Programs	Central Staff	\$277,097

**Task 24/307 LIVABLE COMMUNITIES PLANNING**

**Task Leader:** Peter W. Bilton

**Goals**

The goals of this task are to 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 related 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](http://www.togethernorthjersey.com).) This task will support implementation of the update to the TNJ Plan that was 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 are consultant efforts that began in FY 2023 for a planning study in the Town of Harrison. 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 fourth 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 FY 2024 and conclude in FY 2025 with products for up to eight municipalities in the NJTPA region.

This task will advance the implementation of the Transportation Demand Management (TDM) and Mobility Plan to identify regional policies and strategies that increase travel choices while minimizing the negative impacts of single-occupant vehicle travel.

This task, in partnership with the Center for Community Planning and the American Planning Association New Jersey Chapter (APA-NJ), also supports the Transit Hub Planning Program. This program provides technical planning support by a team of volunteer planners for up to two community groups or municipalities. Projects are selected on a competitive basis by a committee made up of staff from the three organizations. The teams of volunteer planners develop strategic plans for the re-use, redevelopment, or improvement of a transit hub in the selected communities. Plans result in strategies that improve access to the transit station, increase economic activity in the hub area, create improved public spaces and create a more vibrant and connected community.

#### ***Continuing Long-term Task Activities***

- Coordinate advancement and implementation of the TNJ Plan, including oversight of VTC's technical support for the Vibrant Places Local Technical Assistance Program and TNJ Training Institute events. This work includes staff support of activities and events. Staff will also conduct related work under various other UPWP tasks.

#### ***Continuing Short-term Task Activities***

- 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.
- Support the Transit Hub Planning Program

#### ***New Task Activities***

- Manage the Complete Streets Technical Assistance program to deliver training and services to municipalities in the NJTPA region. (June 2025)

#### ***Key Deliverables***

- Planning for Emerging Centers Program final report. (June 2024)
- Promotion and selection of technical assistance projects for the Complete Streets Technical Assistance program. (June 2024)
- Transit Hub Planning Program final report (June 2024)

#### ***Contractual/Consultant Activities***

- ***Task 24/307-01 : FY 2024 TNJ Initiative***

***Project Manager:*** Blythe Eaman

***Schedule:*** One Fiscal Year Effort

#### ***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. 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.

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 2024)
- TNJ-related workshops and webinars. (June 2024)
- Delivery of a research and knowledge-building program (June 2024)

### ***Contractual/Consultant Activities***

- ***Task 24/307-02 : FY 2024 Complete Streets Technical Assistance***

***Project Manager:*** Peter W. Bilton

***Schedule:*** Two Fiscal Year Effort

### ***Description***

The Together North Jersey Task Forces identified local technical capacity as the most significant obstacle to implementation of Complete Streets at the municipal level. The purpose of the Complete Streets Technical Assistance program is to provide training and technical assistance at the local level to increase capacity to advance Complete Streets implementation. These efforts are critical to enabling counties and municipalities to translate the desire to make their communities more livable into specific Complete Streets initiatives that are technically sound and politically feasible.

Under this contract, the New Jersey Bicycle and Pedestrian Resource Center at the Voorhees Transportation Center at Rutgers University with the assistance of the Sustainability Institute at the College of New Jersey will provide planning-level technical assistance to municipalities. Effective outreach and promotion will be crucial for reaching potentially interested municipal officials and local stakeholders.

The effort will promote participation in Complete Streets training workshops organized by the NJDOT Bureau of Safety, Bicycle and Pedestrian Programs and leverage interest in Complete Streets gained from these training sessions to market the availability of free direct technical

assistance to interested municipalities in the NJTPA region. Planning-level technical assistance will be provided on a competitive basis, and may include the following: Walkable Community Workshops, Pedestrian and/or Bicycle Network Plans, Temporary Demonstration Project Guidance, and Complete and Green Streets Policies. Subregions and TMAs will be engaged throughout the process.

**Products**

- Outreach and promotion of trainings and technical assistance
- Direct planning-level technical assistance for municipalities

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/307	Livable Communities Planning	Central Staff	\$416,658
24/307-01	FY 2024 TNJ Initiative	Subrecipient	\$225,000
24/307-02	FY 2024 Complete Streets Technical Assistance	Subrecipient	\$200,000

# Freight Planning

## Task 24/401 FREIGHT PLANNING AND COORDINATION

**Task Leader:** Jakub Rowinski

### Goals

This task aims to foster collaboration between the public and private sectors to address the needs and mitigate the impact of goods movement in the region. This effort is guided by the Freight Initiatives Committee (FIC) and includes outreach with subregions, NJDOT, NJ TRANSIT, PANYNJ 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 the update to the Long Range Transportation Plan. This task provides for comprehensive outreach with the NJTPA subregions, NJDOT, NJ TRANSIT, PANYNJ and with the private sector, 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 metropolitan planning organizations (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, potential maritime highway operations, and rail grade crossing improvements.

### Continuing Long-term Task Activities

- 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. Coordinate with subregions, partner agencies, other MPOs, the private sector and internally on freight performance measures. Continue outreach activities such as participating in relevant 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.
- Manage Freight Concept Development Program.
- Continue truck parking initiatives including efforts to address operational truck parking needs and identify emergency overflow truck parking needs.
- 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 (24/702).
- Continue work with NJDOT, NJ TRANSIT, partner agencies and the private sector on advancing the Freight Rail Industrial Opportunities (FRIO) Corridors program and supporting the activities of the NJDOT Freight Advisory Committee.

- 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 (24/206) to maintain the Freight Activity Locator. Work with other Planning Department divisions, including Applications, Software, and Database Development (24/802) to update issues and strategies and add the rail freight module to the Goods Movement Strategies for Communities Tool.

### ***New Task Activities***

- 2050 Freight Industry Level Forecasts Update (June 2025)

### ***Key Deliverables***

- Agendas and content for FIC meetings.
- Updated Goods Movement Strategies for Communities Tool.
- Project intake for FY25 Freight Concept Development Program studies.
- 2050 Freight Industry Level Forecasts Update Study Kickoff

### ***Contractual/Consultant Activities***

- ***Task 24/401-01 : 2050 Freight Industry Level Forecasts Update***

***Project Manager:*** Jakub Rowinski

***Schedule:*** Two Fiscal Year Effort

### ***Description***

Conditions in the goods movement industry continue to undergo significant change, most recently as a result of the COVID pandemic. To ensure the information that NJTPA is utilizing and disseminating is as accurate as possible, the NJTPA will develop updated freight forecasts for the Region. This effort is an update of the 2050 Freight Industry Level Forecasts completed in 2020. The commodity flow forecasts will use FAF5 as the baseline and be driven by the industry level employment forecasts that will be obtained as part of this effort. The NJTPA Freight Forecasting Tool will be updated to include new data and future scenarios. The e-commerce analysis completed in the previous study will be updated and enhanced. Business location and activity data developed in the previous study will be updated using publicly available information. New subregional and top commodity bundle summaries will be developed. The results of this work will serve as background for the next NJTPA Long Range Transportation Plan as well as Freight Planning and subregional planning studies. NJTPA will use the products of this study to update the NJTPA Freight Activity Locator Hub Site.

### ***Products***

- Update data on freight business locations and activity.
- Update the NJTPA Freight Forecasting Tool.
- Develop forecasts to year 2050.

- Prepare county and top commodity profiles.
- Prepare final report.
- Outreach and coordination including Technical Advisory Committee.

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/401	Freight Planning and Coordination	Central Staff	\$634,036
24/401-01	2050 Freight Industry Level Forecasts Update	Consultant	\$550,000



# Capital Programming

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## **Task 24/501 TRANSPORTATION IMPROVEMENT PROGRAM**

**Task Leader:** Ann Ludwig

### **Goals**

The NJTPA advances the goals of the performance based Long Range Transportation Plan (LRTP) by developing and managing the Transportation Improvement Program (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, which aligns with the NJTPA performance goals and meet the needs of the region. This task involves monitoring the status and progress of the region's transportation investments and administering modifications to the program. This task aims to enhance the partnership with other agencies and the public by disseminating information online about the NJTPA's investment and planning decisions.

### **Description**

This task provides for transportation 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 also 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, Regional Capital Investment Strategy (RCIS), project scoring, performance-based project advancement, congestion management, and air quality conformity analysis; and with the Regional Planning Division in the development of the LRTP and to advance recommendations from subregional studies into the S&D program. The TIP is updated every two years; NJTPA board of Trustees adopted the current FY 2022-2025 TIP and FY 2022 S&D program in September 2021, which is posted on its 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). As part of TIP project intake, Central Staff participates in NJDOT's Capital Programming Committee (CPC) and Capital Program Screening Committee (CPSC) meetings and serves as liaison with Systems Planning and RTAC on NJTPA findings of related studies and project concerns.

TIP management consists of three core subtasks: (1) TIP revisions based on an approved Memorandum of Understanding (MOU) among NJDOT, NJ TRANSIT, and the NJTPA; (2) reporting functions (including online project information) to keep Board members and the public apprised of project status; and (3) 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 the NJTPA Online Transportation Information System (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 comprehensive project monitoring and reporting system to help the NJTPA manage and analyze the TIP, and share project data with internal and external parties, including the public. As part of the metropolitan transportation and project development process, Central Staff tracks and prepares status reports on significant projects; and reviews Financial Plan reports on projects with costs of \$100 million or more that are subject to federal regulations.

### **Continuing Long-term Task Activities**

- 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.
- 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.
- 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 NJTPA and local agencies at the relevant CPSC and CPC meetings.
- 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.
- 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.
- Investigating innovative financing techniques and emerging federal regulation resulting from the IIJA and state policies, particularly as they pertain to capital programming; assessing local funding opportunities, as needed.
- Collaborating and providing capital programming support and other TIP-related activities on performance measures (Task 24/201), RCIS (Task 24/201), air quality planning (Task 24/205), PRIME (Task 24/203), LRTP (Task 24/301), and other ongoing programs.

### ***New Task Activities***

- Project Prioritization Criteria Development and Scoring Update for highways, state and local bridges, and transit. (June 2025).
- Greater involvement of Eastern Federal Lands Highway Division in TIP Development. (June 2024)

### ***Key Deliverables***

- FY 2024 draft and final TIP, including criteria update (application and manual).
- FY 2024 draft and final S&D Program.

- FY 2022 TIP and FY 2024 TIP modifications and amendments.
- Updated NOTIS website with TIP and S&D project status, and Congressional district reports.
- Year-end obligation report of annual TIP element.
- Approved financial plans for federally funded projects with costs over \$100 million, as needed.

### ***Contractual/Consultant Activities***

- ***Task 24/501-01 : Criteria Development and Project Scoring Update***

***Project Manager:*** John Witsch

***Schedule:*** Three Fiscal Year Effort

#### ***Description***

A consultant will assist staff to evaluate and update the project prioritization criteria and provide objective, systematic decision analysis support.

The consultant will coordinate with the development of the Long Range Transportation Plan to ensure that the regional goals and priorities, outlined in the Plan, connect transportation planning and capital investment with a vision for a sustainable future for the region. The consultant will collaborate with NJTPA Local Project Development; NJDOT; and NJ TRANSIT to assess how changes in their pavement, congestion, bridge, drainage, and safety management systems might affect the NJTPA's project prioritization process. The consultant will assess changes to performance measures and scoring methodologies, as necessary, for incorporation in the criteria. In addition, the consultant will evaluate the project prioritization criteria for updates that might be made necessary due to changes in policy, legislation, or data. They will incorporate the outcomes of current NJTPA studies of climate change, livability, sustainability, asset management, and potential changes in policy or legislation to update project selection criteria.

Based upon an analysis of the current criteria, the consultant will recommend an array of possible changes to the NJTPA's Project Prioritization Criteria and will update the scoring application and manual of the criteria that is utilized to help stakeholders make decisions regarding project selection.

The consultant will work with Central Staff; the Project Prioritization Committee; and the Regional Transportation Advisory Committee, to test alternate criteria configurations. The consultant will recommend changes to the criteria, as deemed appropriate. The consultant will then make recommendations concerning how future changes in the Project Prioritization Criteria could be handled and provide a manual to guide future changes in the criteria, consistent with good decision analysis practice.

#### ***Products***

- Updated project prioritization criteria, scoring application, and manual that are utilized to help stakeholders make decisions concerning project selection.

*Project Cost*

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<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/501	Transportation Improvement Program	Central Staff	\$1,131,568
24/501-01	Criteria Development and Project Scoring Update	Consultant	\$475,000

# Local Project Development

## **Task 24/601 LOCAL CAPITAL PROJECT DELIVERY PROGRAM**

**Task Leader:** Sarbjit Kahlon

### **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 Long Range Transportation Plan (LRTP). The Local Capital Project Delivery Program (LCPD) will help advance the mission of the NJTPA by linking transportation planning with environmental planning by following the Planning and Environmental Linkages (PEL) approach. This will lead to designing better projects while avoiding and minimizing impacts on natural resources.

### **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 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**

- 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 2025)
- 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 2025)
- Monitoring local Transportation Trust Fund money as projects advance through the project delivery process. (June 2025)
- Advancing former Local Scoping Program projects through the project delivery process. (June 2025)
- Quarterly status reports for LCD and LPE projects. (June 2025)
- Integrating the Online Interagency Planning Management System (OIPMS) project management tool for all local programs with NOTIS. (June 2025)

### **New Task Activities**

- Solicitation for the FY 2025 Local Concept Development (LCD) phase projects. (July 2023)

**Key Deliverables**

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

**Project Cost**

Task Id	Task Activity	Budget Line Item	Total
24/601	Local Capital Project Delivery Program	Central Staff	\$470,763

**Task 24/602 LOCAL SAFETY PROGRAMS**

**Task Leader:** Christine Mittman

**Goals**

Enhancing travel safety is critical to the NJTPA's mission to meet the travel needs of the regions residents. Through the Regional Capital Investment Strategy, 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 Long Range Transportation Plan, 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 federal 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): This is a continuing HSIP funded, local capital safety project development program that provides consultant assistance for the advancement of LSP/HRRRP projects. Staff will continue to administer consultant contracts co-managed by the subregions, who take the technical lead in the preparation of final plans, specifications and cost estimates (PSEs documents) for construction authorization.

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.

**Systemic Horizontal Curve Advisory Signs:** NJDOT's consultant completed the Regional Curve Inventory and Safety Assessment for the NJTPA region. A curve advisory speed reports have been created for each county which identify all curves on county and municipal roadways (functional classification of collector or higher) where advisory speed signs are required or recommended. This is a new, local capital safety project that will provide consultant support to the subregions. It will begin in PE phase with a comparison of the curve reports to the presence/absence of existing advisory speed signs. In the FD phase the consultant will prepare abbreviated PSE packages for each subregion for construction authorization for new sign installations.

### *Continuing Long-term 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.
- Participation in the NJDOT-led Road Safety Audit Program including coordination with subregions to select suitable locations.

### *Continuing Short-term Task Activities*

- FY 2024 Consultant Assistance with Local Safety Applications - Studies and Analyses: Oversight of the consultant assisting the Subregions with preparing more comprehensive applications for the FY 2025 LSP/HRRRP. (July 2023; June 2024)
- FY 2025 LSP/HRRRP: Preparation and release of the solicitation for applications. (December 2023)
- FY 2016-2017 LSEAP: Oversight of the four consultants advancing the remaining six projects in this program through the Final Design (FD) and Right of Way (ROW) phases of the project development process to achieve federal authorization for construction (August 2024)
- FY 2018 LSEAP: Oversight of three consultants advancing 12 projects through FD and ROW phases of the project development process to achieve federal authorization for construction (August 2026)
- FY 2020 LSEAP: Oversight of four consultants advancing 14 projects through the PE phase and CED approval process in order to advance to the FD and ROW phases (December 2025)
- FY 2024 LSEAP: Consultant selection and PE Authorizations utilizing HSIP funding for the project seeking design assistance in the Board Approved FY 2022 LSP/HRRRP (March 2024)
- Support NJDOT efforts in implementing the SHSP including periodic updates to the NJTPA SHSP Data Viewer (June 2025)

### *New Task Activities*

- Systemic Improvements to Horizontal Curve Advisory Speed Signs: Selection of one consultant and oversight in the development of PSEs utilizing federal funding to achieve construction authorization for the installation of MUTCD compliant travel speed advisory signs (December 2025)

### ***Key Deliverables***

- FY 2016-2017 LSEAP: Construction and ROW Authorizations
- FY 2018 LSEAP: Final PSEs to achieve ROW and construction authorizations
- FY 2020 LSEAP: FD authorizations to begin PSEs.
- FY 2024 Consultant Assistance Program: Road Safety Audits and reports as requested, Data collection, analysis and conceptual plans required for the application to the FY 2025 LSP/HRRRP.
- FY 2024 LSEAP: PE authorizations to begin project design
- Systemic Improvements to Horizontal Curve Advisory Speed Signs: Final PSEs and construction authorization for each subregion (December 2025)

### ***Contractual/Consultant Activities***

- ***Task 24/602-01 : FY 2024 Consultant Assistance with LSP - Studies and Analyses***

***Project Manager:*** Patricia Newton

***Schedule:*** Three Fiscal Year Effort

### ***Description***

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.

### ***Products***

- Analyses and Studies include: Traffic Counts, Crash Analysis, Signal Warrant Analysis, Lighting Analysis, Preparation of Conceptual Layouts, Deed Searches to Evaluate Right-of-Way impacts, Road Safety Audit field and inperson meetings, Road Safety Audit reports, Cost Estimate, Highway Safety Manual cost/benefit calculations and Environmental Screening.

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/602	Local Safety Programs	Central Staff	\$682,550
24/602-01	FY 2024 Consultant Assistance with LSP - Studies and Analyses	Consultant	\$1,000,000

**Task 24/603 TRANSPORTATION ALTERNATIVES AND SAFE ROUTES TO SCHOOL**

**Task Leader:** Aimee Jefferson

**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 Long Range Transportation Plan. 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 Program 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 2026. Additional information about these programs can be found at <https://www.njtpa.org/Projects-Programs/Local-Programs/Transportation-Alternatives.aspx>

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 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***

- 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 2024)
- Continue serving on the Technical Advisory Committee for the TAP and SRTS programs. (June 2024)

***New Task Activities***

- Coordinate with NJDOT to prepare and initiate a solicitation. (June 2024)

***Key Deliverables***

- Status of active projects updated in OIPMS which will produce project status reports as needed.
- List of new projects.

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/603	Transportation Alternatives and Safe Routes to School	Central Staff	\$43,664

# Public and External Affairs

## **Task 24/701 PUBLIC INVOLVEMENT/OUTREACH**

**Task Leader:** Melissa Hayes

### **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 working with a consultant to develop outreach strategies for the next LRTP. 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 Task Activities**

- Supporting transportation planning work by editing documents; preparing publications, videos and other educational materials; updating the InTransition online magazine; and maintaining a photo library and other resources
- Coordinating Street Smart NJ pedestrian safety campaigns and refining strategies based on ongoing evaluations.
- Maintaining social media accounts and the website.
- 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, in accordance with the NJTPA Public Engagement Plan.
- Improving engagement with underserved communities including low income and minority communities, Tribal Nations, younger/older residents and others, as part of the transportation planning process.

### **Continuing Short-term Task Activities**

- Symposia related to long-range plan development.

### **New Task Activities**

- Outreach for long range plan development (with consultant support)

### **Key Deliverables**

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

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

### ***Contractual/Consultant Activities***

- ***Task 24/701-01 : Long Range Transportation Plan Public Outreach***

***Project Manager:*** Ted Ritter

***Schedule:*** Three Fiscal Year Effort

#### ***Description***

The consultant will assist in developing, promoting, implementing, conducting, and documenting an innovative, creative, responsive, flexible, comprehensive, and inclusive public outreach program for the LRTP slated to be adopted by the NJTPA Board of Trustees in fall 2025. This will include a robust combination of public meetings, forums, and other activities across the region, as well as virtual/online input opportunities along with extensive social media promotion and engagement. The consultant also will assist in planning and implementing the LRTP's formal public comment period prior to adoption.

#### ***Products***

- A public outreach plan and associated outreach materials.
- Documentation of outreach activities.
- Final report outlining all activities to be incorporated into LRTP.

### ***Contractual/Consultant Activities***

- ***Task 24/701-02 : FY 2024 Innovative Public Engagement***

***Project Manager:*** Ted Ritter

***Schedule:*** One Fiscal Year Effort

#### ***Description***

Rutgers-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 and the pilot Outreach Liaison Program.

VTC will begin developing strategies for engaging traditionally underserved populations in the next LRTP, in preparation for outreach to be conducted in FY 2025 (under a new contract).

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 pilot Outreach Liaison Program activities
- Report summarizing UpNext North Jersey activities

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/701	Public Involvement/Outreach	Central Staff	\$1,278,576
24/701-01	Long Range Transportation Plan Public Outreach	Consultant	\$300,000
24/701-02	FY 2024 Innovative Public Engagement	Subrecipient	\$100,000

**Task 24/702 COMMITTEE SUPPORT**

**Task Leader:** Mark Solof

**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.

**Continuing Long-term 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 meetings 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.

**Key Deliverables**

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



**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/702	Committee Support	Central Staff	\$514,356

**Task 24/703 INTERAGENCY COLLABORATION & EXTERNAL AFFAIRS**

**Task Leader:** Melissa Hayes

**Goals**

Coordinating work, sharing information and collaborating with neighboring metropolitan planning organizations (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 Task Activities**

- 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 the Board on relevant developments.
- Coordinating with neighboring MPOs, particularly through the MAP Forum and the Central Jersey Transportation Forum, as well as other agencies and commissions, planning partners, nonprofit organizations, etc.
- 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 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.
- Monitoring regulatory and policy developments related to federal transportation authorization, and providing information to executive level staff and Board members on key issues.
- Reports, resolutions, and related materials for use by Central Staff, the Board of Trustees and committees.
- Presentations on federal and state issues to NJTPA Board members.
- Assisting with maintenance of MAP Forum website.

**Key Deliverables**

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

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/703	Interagency Collaboration and External Affairs	Central Staff	\$303,497

# Information Systems

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## **Task 24/801 INFORMATION SYSTEMS SUPPORT AND DEVELOPMENT**

**Task Leader:** Chris Roche

### **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 continue to be implemented and maintained to ensure that the NJTPA's IT system support and data will survive either manmade or natural disaster and provide high availability of agency resources. This includes offsite data center maintenance and administration.

### **Continuing Long-term Task Activities**

- Researching and procuring software and hardware for Central Staff
- Developing and administering IT services, infrastructure, and security
- Maintaining software licensing and compliance
- Maintaining IT governance guidelines and procedures
- Providing technical support for Central Staff and subregions. 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
- Supporting and developing Microsoft 365 services
- Supporting the content management system and websites
- IT asset inventory and auditing

- Maintaining, monitoring and developing agency off-site resources.
- Maintaining and administering the COOP plan and program.

***Continuing Short-term Task Activities***

- NJTPA cybersecurity tools/services/hardware upgrades to enhance defense in depth capabilities. (June 2024)

***New Task Activities***

- Support and training for CrowdStrike security infrastructure.

***Key Deliverables***

- IT capital assets inventory

***Project Cost***

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/801	Information Systems Support and Development	Central Staff	\$565,287

**Task 24/802 APPLICATIONS, SOFTWARE, AND DATABASE DEVELOPMENT**

***Task Leader:*** Kaitlynn Davis

***Goals***

This task provides 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 Long Range Transportation Plan. 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, SAP/ERP system, and subregional Cost Tracking System. SAP ERP system is utilized for the Agency’s time entry and leave requests, UPWP Task Activity financial reporting and grant management. Planning applications that interface with agency data repositories will be maintained and updated. Primary components of NJTPA’s grant management system include a web-based UPWP reporting platform and a SAP Enterprise Resource Planning (ERP) financial management system, which include a data warehouse and data analytics, reporting, and dashboard

tools. Programming for the agency's software as a service platforms and enterprise systems is included in this task. Applicable platforms include the agency's EGIS and the SharePoint staff collaboration portal.

#### ***Continuing Long-term Task Activities***

- Maintain internal custom web applications (PRIME, OIPMS, Goods Movement, Engage!, NOTIS, TIP Database and Archival Solution, and others).
- Provide best-practices guidance, training, and support staff usage of cloud-based collaboration applications (SharePoint, Microsoft Teams, OneDrive, etc.).
- Maintain inventories of in-house applications, databases and software services.
- Maintain the UPWP Grant Management System and SAP ERP system
- Enhance and further develop the SAP ERP financial management system, including its data analytics, reporting and dashboard tools.
- Lead UPWP Reporting/CTS Task Force meetings

#### ***Continuing Short-term Task Activities***

- Updates to the Goods Movement Strategies for Communities Tool, in coordination with Freight Planning
- Develop dashboards and reports using data from multiple sources (Banner/SAP/CTS systems)

#### ***New Task Activities***

- Develop new features and improvements for the Cost Tracking System that result from task force involvement and end-user staff engagement (June 2024)
- Design and implement an archival solution for TIP databases, in coordination with Capital Programming
- Prepare documentation of report formulas for internal apps, such as the UPWP and CTS (June 2024)

#### ***Key Deliverables***

- Report templates and dashboards that support central staff reporting, subregion/TMA program invoicing, and other internal operations
- Updated Goods Movement application
- Database to support TIP archival, with supporting scripts and documentation

#### ***Contractual/Consultant Activities***

- ***Task 24/802-01 : FY 2024 UPWP Management System Support***

***Project Manager:*** Gina Rodolico

***Schedule:*** Two Fiscal Year Effort

***Description***

Consultant support of the SAP ERP system implementation will continue in FY 2024 with an emphasis on optimizing the system to generate financial 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.

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 time entry and leave request FIORI portal, and BOBJ; exchange of information among components is running normally; backups are successfully completed; necessary upgrades are successfully installed and tested; and timely troubleshooting system runtime errors, and problem resolutions. This project will also assess the possibility of expanding the system to automate components of the RFP process and link RFP data to contract management transactions.

**Products**

- Monthly system performance and maintenance reports
- Quarterly log of SAP support service tickets to improve system functionality
- Technical specifications for report designs and functional modifications
- Annual Assessment and workplan

**Project Cost**

<b>Task Id</b>	<b>Task Activity</b>	<b>Budget Line Item</b>	<b>Total</b>
24/802	Applications, Software, and Database Development	Central Staff	\$1,143,568
24/802-01	FY 2024 UPWP Management System Support	Consultant	\$300,000

## **APPENDIX A**

### **PLANNING EMPHASIS AREAS AND GOALS**





**NJTPA 2024 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
<b>UNIFIED PLANNING WORK PROGRAM</b>																
24/101	UPWP Administration	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
24/102	Grants and Contracts Administration	S	S	S	S	S	S	S								
24/103	Title VI Implementation and Reporting	S	S				P			S						
<b>SYSTEMS PLANNING, DATA, and FORECASTING</b>																
24/201	Performance Measures and Data	P	P	P		S	S		P	P	P	S			S	P
24/202	Modeling and Forecasting	P	S	S	S	S	S	S	S	S	P				S	P
24/203	Congestion Management Process	P	S	P	S	S	P	S	S	P	P	S	S	S	P	P
24/204	Performance Based Advancement	P		P	S	S	S	S	S	S	S				S	P
24/205	Air Quality and Conformity Analysis	P	P	P	S	S	S	S	P	P		P			S	S
24/206	GIS, Data Resources and Planning Tools	S	S	S	S	S	P	S	S	P		P	S		S	P
24/207	Transportation Technology for Planning and Operations	S	S	S	P	S	P	S	S	P	S	S			S	S
<b>REGIONAL PLANNING</b>																
24/301	Long Range Planning	P	P	P	P	P	P	P	S	P	S	P	S	P	S	
24/302	Planning Studies				S	S	S	S	S	P	P	S	S		P	P
24/303	Safety Planning	S	P	P			S	S		S	S					P
24/304	Subregional Pass Through Programs				S	S	S	S	S		S	P	S		P	
24/305	Mobility Programs	S	S		P		P			S	P	S			S	S
24/306	Environmental and Climate Change Programs	S	S		P	P			P			S			S	S
24/307	Livable Communities Planning	P	S		P	P	P	P		S	P	S				S
<b>FREIGHT PLANNING</b>																
24/401	Freight Planning and Coordination	S	S	S	S	S	S	P	S	S	S	S	S	S	S	S
<b>CAPITAL PROGRAMMING</b>																
24/501	Transportation Improvement Program	P	P	P	S	P	P	P	P	P	P	P	P	P	P	P
<b>LOCAL PROJECT DEVELOPMENT</b>																
24/601	Local Capital Project Delivery Program	p	S	p	S	S	p	S	S	S	S	S	S	S	P	S
24/602	Local Safety Programs	p	S	p	S	S	p	S	S	S	S	S	S	S	P	S
24/603	Transportation Alternatives and Safe Routes to School	p	S	p	S	S	p	S	S	S	S	S	S	S	P	S
<b>PUBLIC AND EXTERNAL AFFAIRS</b>																
24/701	Public Involvement/Outreach	S	S	S	S	S	S	S	S	S	S	P	S	S	S	S
24/702	Committee Support	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
24/703	Interagency Collaboration & External Affairs	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
<b>INFORMATION SYSTEMS</b>																
24/801	Information Systems Support and Development	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
24/802	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 2024 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
<b>UNIFIED PLANNING WORK PROGRAM</b>										
24/101	UPWP Administration	S	S	S	S	S	S	S	S	S
24/102	Grants and Contracts Administration	S	S	S	S	S	S	S	S	S
24/103	Title VI Implementation and Reporting	S	S	S	S	S	S	P	P	P
<b>SYSTEMS PLANNING, MODELING AND DATA</b>										
24/201	Performance Measures and Data	P	S	S	S	P	S	S	S	S
24/202	Modeling and Forecasting	P	S	S	S	S	S	S		S
24/203	Congestion Management Process	P	P	S	S	S	P	S		S
24/204	Performance Based Advancement	P	P	S	S	S	S	S		P
24/205	Air Quality Planning and Conformity Analysis	P	P	P	S	S	P	P	P	P
24/206	GIS, Data Resources and Planning Tools	S	S	S	P	P	S	S	S	P
24/207	Transportation Technology for Planning and Operations	S	P	S	P	P	S	P	P	P
<b>REGIONAL PLANNING</b>										
24/301	Long Range Planning	P	P	P	P	P	P	P		P
24/302	Planning Studies	P	S		S		P	S		P
24/303	Safety Planning	P				P	S			P
24/304	Subregional Pass Through Programs	P	S	S	S		S	S		P
24/305	Mobility Programs	S	S		S	S	P	S		P
24/306	Environmental and Climate Change Programs	S			S		S	S		S
24/307	Livable Communities Planning	P	S		S	S	P	S		P
<b>FREIGHT PLANNING</b>										
24/401	Freight Planning and Coordination	P	S	P	S	S		S	S	S
<b>CAPITAL PROGRAMMING</b>										
24/501	Transportation Improvement Program	P	P	P	S	P	P	P	P	P
<b>LOCAL PROJECT DEVELOPMENT</b>										
24/601	Local Capital Project Delivery Program	S	S	S	S	P	P	S	P	P
24/602	Local Safety Programs	S	S	S	S	P	P	S	P	P
24/603	Transportation Alternatives and Safe Routes to School	S	S	S	S	P	P	S	P	P
<b>PUBLIC AFFAIRS</b>										
24/701	Public Involvement/Outreach	S				S	S		S	P
24/702	Committee Support	S		S		S				S
24/703	Interagency Collaboration & External Affairs	P	S	S	S	S	S	S	S	S
<b>INFORMATION SYSTEMS</b>										
24/801	Information Systems Support and Development Applications, Software, and Database	S	S	S	S	S	S	S	S	S
24/802	Development	S	S	S	S	S	S	S	S	S

NJTPA Task Association	
P	Primary Association
S	Secondary Association

**NJTPA 2024 UPWP**

**Program Area Activities - Response to NJDOT MPO Transportation Priorities**

**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 TPM requirements and the Department's TPM, 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 Village 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.
		Pursue Transportation Demand Management (TOM) to help maximize the efficiency of the existing transportation system from the demand side, encouraging greater use of alternatives to single occupant vehicles.
3	Freight Planning	Improve New Jersey's multimodal freight network and hubs for more efficient access and improved system performance.
		Continue to plan for and grow the state's Marine Highway Program Facilitating interaction and partnership with stakeholders and industry partners.
		Encourage opportunities for modal shift from trucks to barge and rail where practical.
		Continue to champion truck parking improvements throughout the state through dialogue with MPO partners and industry stakeholders (trucking, real estate, manufacturing, etc.).
		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) Providing an effective rail freight system in the State of New Jersey through the provisions of financial assistance to preserve, rehabilitate, and enhance rail freight facilities. (2) Systematic freight rail improvements in North Jersey such as 286k, plate F, shared service, port-rail connectivity issues, and for site-specific line impediments; and (3) Planning for an enhanced regional network in South Jersey through improved connectivity between New Jersey and Pennsylvania.
		Raise awareness of the value of freight to New Jersey, including continued development and implementation of a Freight Social Media Program "Freight Moves NJ."
		Implement 2022 State Freight Plan including programs and projects highlighted in the plan.
		Obtain freight focused data to analyze current freight movement on the road network and be able to make better recommendations based on forecasts.
		Participate in the development of a carbon reduction program strategy to reduce transportation emissions, in consultation with 3 designated metropolitan planning organizations (MPO's) in NJ (NJTPA, DVRPC and SJTPO).
4	Emerging Technologies	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.
		Develop local strategic highway safety plans in consultation with NJDOT and FHWA.
		Develop projects following the Road Safety Audits along county and local roads.
Continue to develop and solicit Local Safety Program applications.		
6	Bicycle and Pedestrian Planning	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.
		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.
		Use of wireless communication (Broad band , LTE and 5G) for technology projects
		Use and application of virtual devices such as RSU (roadside units) for connected technologies
8	Local Public Agencies	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.
9	Equity, Public Health, and Outreach	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 higher.
		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 2024 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
<b>UNIFIED PLANNING WORK PROGRAM</b>								
24/101	UPWP Administration	S	S	S	S	S	S	S
24/102	Grants and Contracts Administration	S	S	S	S	S	S	S
24/103	Title VI Implementation and Reporting		S	S	S	S	S	S
<b>SYSTEMS PLANNING, DATA, and FORECASTING</b>								
24/201	Performance Measures and Data	P	P	P	P	P	P	P
24/202	Modeling and Forecasting	P	P	P	P	P	P	P
24/203	Congestion Management Process	P	P	P	P	P	P	P
24/204	Performance Based Advancement	P	P	P	P	P	P	P
24/205	Air Quality Planning and Conformity Analysis	P	S	S	S	S	P	S
24/206	GIS, Data Resources and Planning Tools	S	S	S	S	S	S	S
24/207	Transportation Technology for Planning and Operations	S	P	S	P	S	P	P
<b>REGIONAL PLANNING</b>								
24/301	Long Range Planning	P	P	P	P	P	P	P
24/302	Planning Studies		P	S	S		P	S
24/303	Safety Planning					P		P
24/304	Subregional Pass Through Programs	S	P	P	S		P	S
24/305	Mobility Programs	S	P	S	S	P	S	P
24/306	Environmental and Climate Change Programs	P			S	S	S	
24/307	Livable Communities Planning	P	P	P	S	S	P	S
<b>FREIGHT PLANNING</b>								
24/401	Freight Planning and Coordination	S		S	P	P	S	S
<b>CAPITAL PROGRAMMING</b>								
24/501	Transportation Improvement Program	P	P	P	P	P	P	P
<b>LOCAL PROJECT DEVELOPMENT</b>								
24/601	Local Capital Project Delivery Program	p	p	S	p	p	S	p
24/602	Local Safety Programs	p	p	S	p	p	S	p
24/603	Transportation Alternatives and Safe Routes to School Programs	p	p	S	p	p	S	p
<b>PUBLIC AND EXTERNAL AFFAIRS</b>								
24/701	Public Involvement/Outreach	P	P	P	P	P	P	P
24/702	Committee Support	P	P	P	P	P	P	P
24/703	Intergagency Collaboration & External Affairs	P	P	P	P	P	P	P
<b>INFORMATION SYSTEMS</b>								
24/801	Information Systems Support and Development	S	S	S	S	S	S	S
24/802	Applications, Software, and Database Development	S	S	S	S	S	S	S

NJTPA Task Association	
P	Primary Association
S	Secondary Association

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