

Fiscal Year 2024 Unified Planning Work Program (UPWP)

Approved June 1, 2023



Rhode Island State Planning Council/ Metropolitan Planning Organization (MPO)

Department of Administration
Rhode Island Division of Statewide Planning

www.planning.ri.gov



Preface

Rhode Island General Law [§ 42-11-10](#) established a Statewide Planning Program, which is overseen by the State Planning Council (SPC) and is staffed by the Division of Statewide Planning. The Division prepares and maintains plans for the physical, economic, and social development of the State, encourages their implementation, and coordinates the actions of state, local, and federal agencies, and private individuals within a framework of development goals and policies of the State. In addition to overseeing the Statewide Planning Program, the State Planning Council is designated by State Law as the single Metropolitan Planning Organization (MPO) for the State.

Mission Statement: The Division of Statewide Planning promotes and encourages best practices for the balanced growth and development of the State of Rhode Island by:

- Connecting agencies, communities, and organizations.
- Guiding land use and transportation choices.
- Promoting continuous, cooperative, and comprehensive application of planning principles, along with data-driven analysis, to create and implement State, regional, and local plans.

Our goal is to ensure equitable, sustainable, and resilient development that meets the needs of the present without compromising the needs of the future.

Under the direction of the SPC/MPO, this document was prepared in cooperation with the Rhode Island Department of Transportation, the Rhode Island Public Transit Authority, and the U.S. Department of Transportation's Federal Highway Administration and Federal Transit Administration. The contents of this work program reflect the views of the DSP who is responsible for the opinions, findings, and conclusions presented herein. The contents do not necessarily reflect the views or policies of the Federal Highway Administration, the Federal Transit Administration, the Rhode Island Department of Transportation, or the Rhode Island Public Transit Authority.

All meetings of the SPC/MPO are accessible to individuals with disabilities. An individual requiring a reasonable accommodation to participate in any meeting should contact 401-222-6377 (voice) or #711 (R.I. Relay). An individual requiring the services of an interpreter should contact 401- 222-1755 (voice) as soon as possible prior to the meeting. In addition to plain text documents, RIDSP can, upon request, make available to the visually impaired, large print, braille, and or electronic information for persons with visual disabilities, to meet compliance with Section 508.

TITLE VI – Nondiscrimination Policy & Complaint Process

The Division of Statewide Planning gives notice that it is a policy to comply with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987 Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires that no person in the United States of America shall, on the grounds of race, color, sex, or national origin be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Division receives federal financial assistance. Any person who believes he or she has been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with the Division. Any such complaint must be in writing and filed within 180 days following the date of the alleged discriminatory occurrence. Title VI Discrimination Complaint Forms may be obtained from the Division by calling (401) 222- 7901 or at www.planning.ri.gov.

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Section I: Background

Purpose and Authority

A Unified Planning Work Program (UPWP) is an annual statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area. A UPWP includes a description of the planning work and resulting products, who will perform the work, time frames for completing the work, the cost of the work, and the source(s) of funds. Metropolitan Planning Organizations (MPOs) are required to develop UPWPs to govern work programs for the expenditure of Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) planning funds. This UPWP describes the transportation planning activities and projects that the Rhode Island MPO and its partnering entities expect to conduct over the next State Fiscal Year (July 1 to June 30) totaling \$6,403,560 from various funding sources. It serves as the basis by which FHWA and FTA urban transportation planning funds are spent in the region. Additionally, the UPWP serves as a management tool for scheduling, budgeting, and monitoring the planning activities of the Rhode Island Division of Statewide Planning (RIDSP), and participating entities. As a management tool for the RIDSP staff to the MPO, it describes work projects, partnerships, and deliverables for the RIDSP.

This UPWP is intended to implement state policy as outlined in the [State Guide Plan \(SGP\)](#), particularly Elements 611, [Moving Forward: Rhode Island 2040](#), Long Range and Metropolitan Transportation Plan, and 121, [Land Use 2025](#), Rhode Island's State Land Use and Polices Plan. This work program forms a holistic transportation planning process unique to Rhode Island. Rhode Island's government structure provides significant advantages. The MPO, the Rhode Island Public Transit Authority (RIPTA), and the Rhode Island Department of Transportation (RIDOT) all cover the same geographic area forming an optimal continuing, cooperative, and comprehensive (3-C) transportation planning process. Transportation planning requirements for statewide and metropolitan planning organizations are set by federal legislation and rules issued by the United States Department of Transportation (USDOT). This UPWP complies with all requirements set forth in federal regulations for MPOs. Allocations of funding are compliant with the Federal planning requirements and include allocations for State priorities related to transportation and land use planning.

Unified Planning Work Program – Changes in FY 2024 Document

The Division is continuing the process started in 2023 of streamlining and improving the overall format of the UPWP, as recommended by our federal partners in 2022. This UPWP is more concise than prior work programs. Tasks have been streamlined and consolidated. Outdated references and redundancy of tasks has been eliminated. Some of the information and additional detailed explanations provided in the past are now referenced with links to the appropriate page on the [Division's Website](#). It also is addressing findings and recommendations from the [Transportation Management Area 2022 MPO Certification Review Report](#).

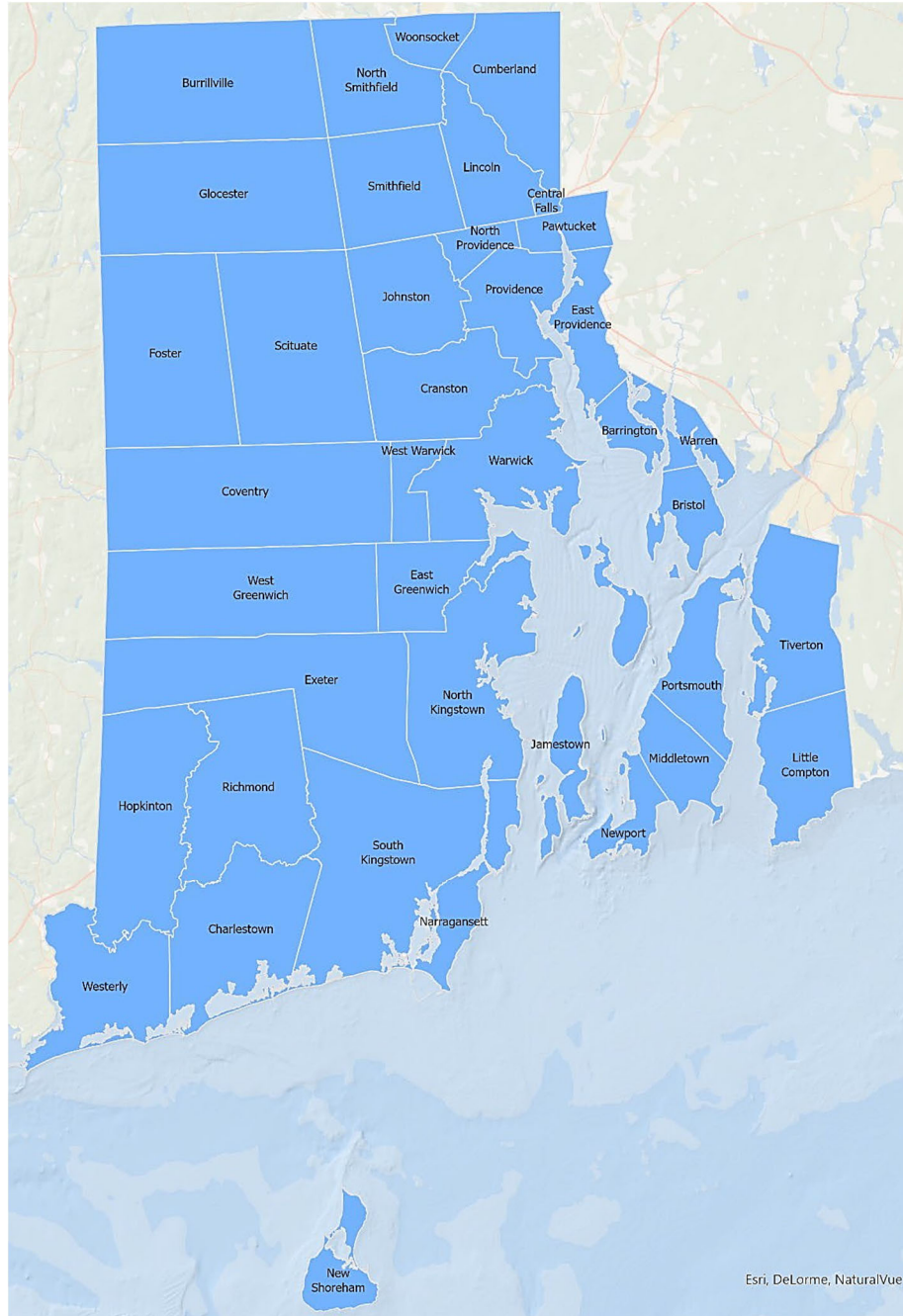
This UPWP features ongoing tasks which are of significance to the MPO and staff, connected to transportation and the overarching planning emphasis areas developed by our federal partners. (Note: There are other many things the RIDSP does that are required by Rhode Island State Law that are not listed within the UPWP, since some of these activities are not supported by federal funds.)

Other changes include a shift in Table 5.2, Staff Hours by Activities, along with the organizational chart, which show FTE positions instead of named staff. Similarly, aside from the project lead, partners are listed by agency for specific projects. Finally, solicitation for [committee candidates](#) is via our website on an ongoing basis. Opportunities are provided for persons to sign up for a monthly newsletter and submit requests for technical assistance. Staff are available to provide technical planning assistance through a variety of methods such as telephone calls, online meetings, online trainings, or conducting in-person roundtable discussions.

Geography of the MPO

The MPO boundaries, shown in Figure 1, RI MPO, cover the entire state of Rhode Island, which has a land area of approximately 1,054 square miles and a population of approximately 1,097,379 according to the 2020 U.S. Census. The MPO also includes the Rhode Island portion of the Providence, RI-MA Urbanized Area (“UZA”), the Rhode Island portion of the Norwich-New London, CT-RI UZA, and the Rhode Island portion of the Boston, MA-NH-RI UZA. The area is fully incorporated and is comprised of thirty-nine individual municipalities. There are no county government structures in Rhode Island.

Figure 1, RI MPO



Organizational Structure

The Statewide Planning Program in Rhode Island is overseen by the [State Planning Council](#) (SPC) and is staffed by the Department of Administration's Division of Statewide Planning (RIDSP). The SPC was originally designated by the Governor as the MPO in 1974. In 2013, Rhode Island General Law, [§ 42-11-10](#), was amended to designate the Council as the State's single, statewide MPO. The twenty-seven-person membership of the SPC / MPO is enumerated in the Law which was further amended in 2019 to add additional local elected officials to the Council and specify the affiliations of several of the Governor's appointees.

A SPC/MPO handbook provides an overview of responsibilities of the Council. [The Handbook](#) is to help members of the Council and others to understand the mission and functions of the Council and Statewide Planning Program. Each chapter explains a key aspect of the Council's duties and is updated periodically when needed. The SPC and its four standing committees follow adopted [Rules and Standards](#) which were last updated in 2022 and are updated on a periodic basis when needed. The four advisory committees required by Statute are described below. The intent of the committees is to ensure representation of diverse interests and views in MPO and state level planning activities.

- **Advisory Committee of Education (ACE)** created in 2022 by [R.I. General Law § 45-70-3](#), provides advice on conducting a statutorily required educational program for municipal planning, zoning, and historic district board members on transportation and land use planning. The ACE recommends information on best land use review practices, outreach to municipalities, and provides other related knowledge on municipal land use and transportation planning education to the RIDSP. Membership includes representatives from regional planning and land use development associations, as well as individuals with state government, local government, and adult education experience.
- **Rhode Island Geographic Information System Executive Committee (RIGIS)** provides policy guidance and coordination of efforts of organizations in Rhode Island using geographic information systems (GIS) technology. It coordinates data development, adopts technical standards, and sets distribution policy for GIS products. Membership includes individuals with GIS expertise, including those in federal, state, and local government, education, consulting services, and utility operations.
- **Technical Committee** provides advice and feedback to the staff of the RIDSP on the development of major plans, as well as other items as requested by the SPC. Membership includes representatives of state agencies, local planning departments, citizens from different areas of the State, and federal advisory members.
- **Transportation Advisory Committee (TAC)** provides advice on transportation planning and encourages public involvement in the process. The TAC reviews and provides input for transportation planning documents and the State Transportation Improvement Program (STIP). Membership includes local officials, state agencies, organizations representing a variety of transportation interests, citizens from different areas of the State, the Narragansett Indian Tribe, and federal advisory members.

The State Planning Council is also supported by several other advisory committees not required by Statute but used help to implement topic specific plans, solicit public input, and implement the Missions of the RIDSP. These are the:

- **Bicycle Mobility Advisory Committee** is convened as needed to review and advise on proposals, programs, projects, and plans related to bicycle planning, to provide program ideas for implementation of *Rhode Island Moving Forward*, [Statewide Bicycle Mobility Plan](#), to provide a regional perspective on transportation planning, ensure participation with broad public input and community viewpoints, and to provide guidance to state agencies on issues concerning bicycle planning.
- **Freight Advisory Committee** provides policy guidance for freight transportation planning, provides collaboration between the public and private sectors, assists in the implementation of [Freight Forward RI, 2022](#), provides input on regional transportation policies that impact freight movements, promotes public recognition of freight's importance in the regional economy, and provides regional coordination to address problems of shared interest.

RIDSP is allocated 25 full-time employees (FTE) within the Department of Administration. (See Figure 2, *Organizational Chart*.) The Statewide Planning / MPO staff is assigned 21 full time positions of which 18 are currently fully staffed with 4 vacancies to be filled for: a supervising planner and senior planner on the Transportation Team and a principal planner on the Data Team. One FTE (a chief implementation aide) is shared 50/50 between the MPO and the [Water Resources Board](#). The remaining 4 FTE positions are under the Water Resources Board, one is staffed and three (two programming services officers and one data analyst I) is vacant.

The Statewide Planning/ MPO staff work on community coordination, comprehensive community planning, data collection & analysis, GIS, land use & natural resources planning, municipal transportation and land use education, transportation planning, and other related MPO topics. RIDSP also closely collaborates with other agencies in fulfilling its duties, particularly those related to transportation planning. These agencies include:

[Rhode Island Department of Transportation](#) (RIDOT) – The MPO works cooperatively with RIDOT in carrying out all its transportation and air quality activities. RIDOT serves on the Technical Committee, TAC, Freight Advisory Committee, and the Bicycle Advisory Committee and is a key partner in the implementation of the State’s Congestion Management Process. In addition, RIDOT serves as the conduit for the metropolitan planning funds the State receives from the FHWA and the FTA. RIDOT has a voting seat on the State Planning Council.

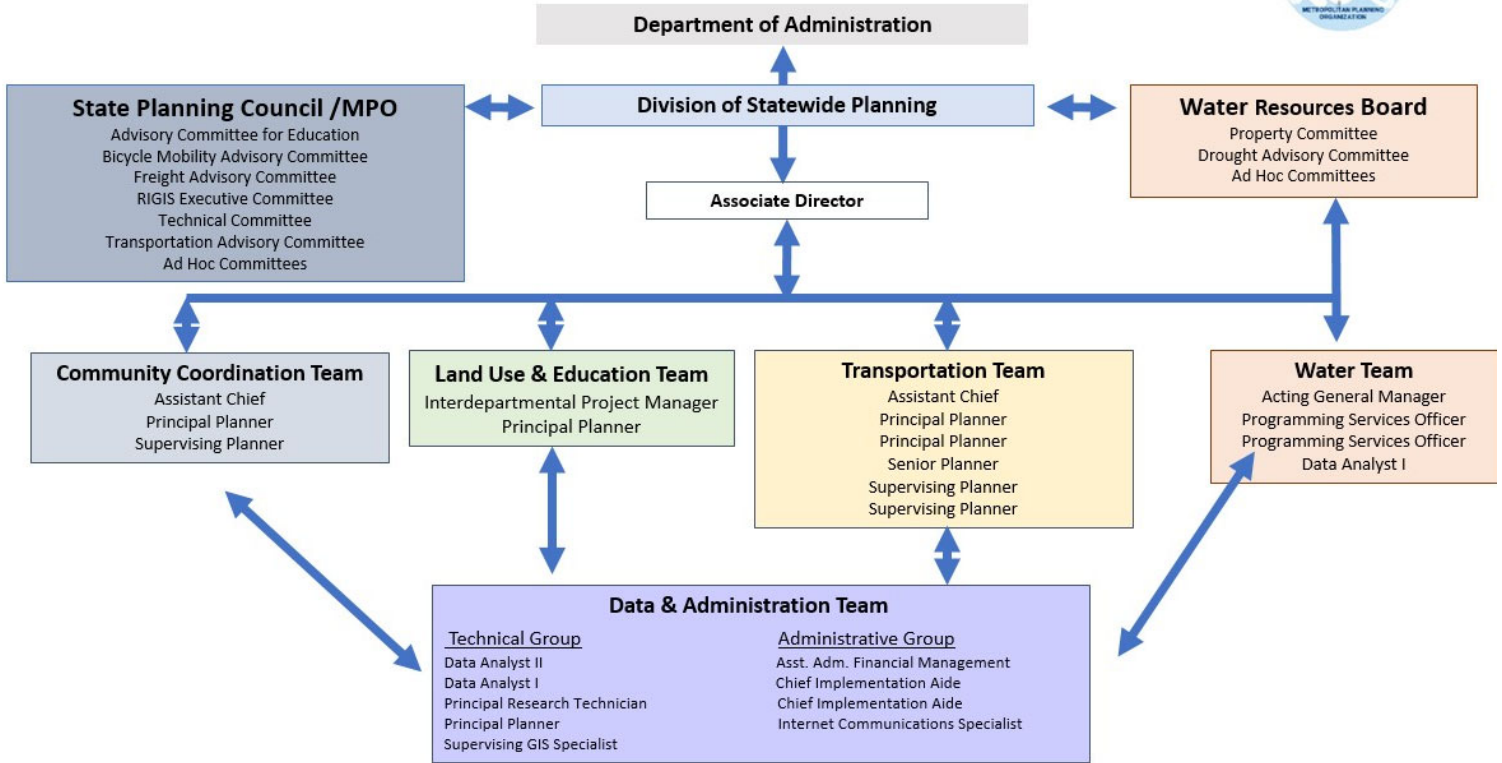
[Rhode Island Public Transit Authority](#) (RIPTA) – The MPO works cooperatively with RIPTA, the only provider of public bus transit in the State. RIPTA has many responsibilities including capital and service bus transit needs, identifying bus transit projects for inclusion in the STIP. RIPTA serves on the TAC, and the Bicycle Advisory Committee. RIPTA has a voting seat on the State Planning Council.

[Department of Environmental Management](#) (RIDEM) – The MPO works cooperatively with RIDEM compliance with the Recreational Trails Program and the Clean Air Act. This includes the development and adoption of an air quality plan known as the State Implementation Plan and implementation of the Transportation Conformity Air Pollution Control Regulation. RIDEM serves on the Technical Committee and the TAC. RIDEM has a voting seat on the State Planning Council. RIDEM is now home to the State Resilience Officer position and coordinates the ongoing work of the Executive Climate Change Coordinating Council (EC4), on which RIDSP has a statutory seat.

[Rhode Island Office of Energy Resources](#) – (OER) - The MPO works cooperatively with OER to develop policies, plans, and programs that respond to the State's evolving energy, land use, and transportation needs, while advancing environmental sustainability, energy security, and a vibrant clean energy economy. OER has a voting seat on the State Planning Council.

Figure 2, Organizational Chart

Division of Statewide Planning - Organizational Chart 2023



Section II: Planning Priorities and Issues

Key Areas of Emphasis & Planning Emphasis Areas (PEAs)

Rhode Island is committed to implementing a work program that supports and implements the federal key areas of emphasis for both metropolitan and statewide planning which reflect the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act with a performance-based approach to planning and an emphasis on a higher level of involvement with local officials. The planning factors for development of this UPWP are as follows:

1. Support the economic vitality 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 for 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, people, and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.
9. Enhance travel and tourism transportation.
10. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts on surface transportation.

FY 24 Activities	MAP-21										FAST ACT
	1	2	3	4	5	6	7	8	9	10	
1 – Management and Administration					X		X				
2 – Transportation Improvement Program	X	X	X	X	X	X	X	X	X	X	X
3 – State and Regional Transportation Operations, Management, and Planning Coordination	X	X	X	X	X	X	X	X	X	X	X
4 – Transit Planning	X	X	X	X	X	X	X	X	X	X	
5 – Freight Planning Implementation	X	X	X	X	X	X	X	X	X	X	
6 – Transportation Planning and Bicycle and Pedestrian Mobility	X	X	X	X	X	X	X	X	X	X	
7 – Long-Range Land Use & Transportation Planning	X	X	X	X	X	X	X	X	X	X	X

FY 24 Activities (continued)	1	2	3	4	5	6	7	8	9	10
8 – Intergovernmental Coordination	X	X		X	X	X	X	X	X	X
9 – Planning Information and Education	X	X	X	X	X	X	X	X	X	X
10 – Public Information and Outreach					X	X	X			X
11 – Title VI Compliance and Environmental Justice	X	X	X	X	X	X			X	
12 – Climate Change Resiliency, Adaptation, and Mitigation	X	X			X	X	X	X	X	X
13 – Support to Other State Agencies and Municipalities	X	X	X	X	X	X	X	X	X	X
14 – Special Projects and Activities Not Federally Funded										
15 – Energy Facility Siting Review					X					
16 – State Data Center	X			X	X	X		X	X	X

In addition to the key areas of emphasis promulgated as part of the statutes and subsequent regulations, in December of 2021, USDOT sent out a memo highlighting some new Planning Emphasis Areas (PEAs) which MPOs, and other partners are encouraged (but not required) to incorporate in programs and projects moving forward. The additional PEAs include:

- a. Tackling the climate crisis – transition to a clean energy, resilient future
- b. Equity and Justice40 in transportation and land use Planning
- c. Complete Streets
- d. Public involvement
- e. Strategic Highway Network /U.S. Department of Defense Coordination
- f. Federal Land Management Agency coordination
- g. Data in transportation and land use planning

These PEAs has been included in the development of the FY 2024 UPWP around the priorities that will connect us to our partners and the broader region. Over the last several years, a focus has been on G – Data in transportation and land use planning. Projects addressing both B – Equity and Justice40 in transportation and land use planning, C – Complete Streets, and the Climate Crisis (A) have been included and are an underpinning of our work in the Ocean State.

Activity Areas, Tasks, and Projects

Following this introductory section of the document, the following pages detail each activity included in the FY 24 UPWP, along with an objective for each activity, the tasks needed to implement the activity, and any specific projects that will be undertaken as a means to advance the objective.

Ongoing tasks, special tasks, and discrete projects are described in the UPWP as a way to better indicate whether work is part of our core functions or undertaken as a time-limited method to achieve a specific goal or objective. The intent of the MPO is to make the distinction between ongoing tasks and discrete projects with additional details and transparency relative to project management. This has helped to simplify quarterly reporting requirements by focusing on the status of projects as opposed to reporting on ongoing regular tasks. Tasks may be either “ongoing” or “special.”

- **Ongoing Tasks** continue from year to year, as part of the routine processes necessary to achieve a given activity’s objective. They do not have funding, other than staff time, allocated to them and there isn’t a specific schedule or deliverable, other than meeting the statutory and regulatory responsibilities of RIDSP/the MPO.
- **Special Tasks** are also undertaken by staff and do not have a separate budget beyond staff time. However, these tasks may have an internal schedule, and will result in a product or deliverable. Therefore, they are tasks that can be followed from quarter to quarter in our reports.
- **Projects** are time limited and include specific schedules, budgets, and deliverables that can be identified upfront: they may or may not involve grants or payments to partners for accomplishing the tasks.

Please note, in some instances there are gaps in the numbering of projects. This is by design. Projects continuing from one fiscal year to the next retain their original project identification number regardless of whether other project numbers are assigned or deleted. At the conclusion of each of the activity descriptions is a table displaying financial commitments by agency. If shares of project funding between sources and agencies differs from the activity area, it is noted in the activity funding table. The following tables in Section 3 show the exact distribution of all resources (staff and financial) as related to funding sources:

- 5.1 FY 2024 Activities and Projects Funding Sources by Percentages
- 5.2 Staff Hours by Activities, and
- 5.3 Projected Costs by Activities and Funding Sources

Activity 1 – Management and Administration

Objective: To ensure that the transportation planning process is in conformity with any and all applicable federal and state laws, regulations, and guidance; to ensure the Metropolitan Planning Organization (MPO), the Governor’s Office, and other stakeholders are informed of pending or adopted legislation that may impact or increase management and administration responsibilities; to effectively manage and administer the Statewide Planning Program and functions of the MPO; to maintain a workforce that is well-trained, versed in current topics and trends, active in professional organizations, and prepared to lead stakeholders on key land use and transportation planning issues facing the State; and to maintain a collaborative performance management system through performance measures, targets, and metrics.

Ongoing Tasks

- a. Preparation and approval of the annual Unified Planning Work Program (UPWP) and the preparation of amendments when necessary.
- b. Reporting to FHWA and FTA including preparing quarterly progress reports and participation in the certification review of the transportation management area when applicable.
- c. Provide technical planning and administrative support to the State Planning Council/ MPO and all of its committees and working groups including but not limited to the; Advisory Committee for Education, Technical, Transportation Advisory, RIGIS Executive, Freight Management, and the Congestion Management Committees. This task includes but not limited to preparation of and follow-up up for; meetings, technical reports and plans, staff recommendations, posting, and maintaining membership lists, meeting calendars, and website content.
- d. Maintain orderly and accurate accounting of all finances including weekly payroll processing, invoice processing, monthly and quarterly cost accounting and reporting, and indirect cost management.
- e. Maintain the operations of the Division of Statewide Planning by conducting senior management team meetings
- f. Order supplies and or technical equipment, as needed.
- g. Attend training sessions, webinars, seminars, conferences, and participate in professional organizations related to the mission of the RIDSP and the MPO.
- h. Monitor legislation for content that might affect the implementation of the SGP, alter land use and transportation planning systems, and/or the MPO, the responsibilities of the Division as staff of the MPO, and or on the transportation and land use planning systems of the State.
- i. Advise the MPO and coordinate with the Director’s and Governor’s Offices, and other stakeholders about the ramifications of proposed legislation on the transportation and land use planning systems of the State.
- j. Respond to interagency or legislative requests/mandates as they arise related to the mission of the RIDSP and MPO.
- k. Participate in quarterly meetings with FHWA, FTA, RIDOT, and RIPTA to discuss current work products and activities.
- l. Review and update the Rules and Regulations of the State Planning Council to account for changes in state and federal statute and policy as needed.

Activity 1 Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 1 (salary and operating)	\$137,345	\$343,363	\$206,018	\$0	\$686,726

Activity 2 – State Transportation Improvement Program (STIP)

Objective: In close cooperation with RIDOT and RIPTA, administer the State Transportation Improvement Program (STIP) process for Rhode Island to ensure that financial and project planning for transportation responds to current needs, reflects available resources, and meets all federal and State mandates. Provide transparency both in how projects are selected and that requirements through the E-STIP SWIFT application process. Implement State Guide Plan 611, [Moving Rhode Island Forward 2040](#).

Ongoing Tasks

- a. Administer the process for 1) identification and selection of transportation projects that address the needs of the State and advance the goals of the Long-Range Transportation Plan and RIDOT Transportation Asset Management Plan 2) review and process modifications and amendments to the STIP 3) monitor fiscal constraint and performance of the STIP 4) provide information to STIP stakeholders and the public 5) coordinate with municipal project sponsors, consultants, RIDOT, and RIPTA regarding implementation of existing projects and future potential projects and 6) maintain and improve the E-STIP Manager database and E-STIP Viewer.
- b. Enhance and maintain the E-STIP Manager database in terms of design, maintenance, workflow, reporting, workflows, etc.
- c. Monitor and evaluate the STIP update processes and procedures in the Memorandum of Agreement on Procedures to Amend and Modify the STIP; recommend improvements as needed.

Special Tasks

- d. E-STIP Viewer Public Launch: Conduct demonstration presentations, informational materials, and social media outreach for the launch of the new online E-STIP Viewer. The E-STIP Viewer will provide the public with a map based online portal to access STIP project data and information. It anticipated that demonstration presentations on the E-STIP Viewer will be conducted to the Transportation Advisory Committee, State Planning Council, RIDOT Lunch and Learn series, the RI League of Cities and Towns and other opportunities. The launch will also be shared in RIDSP' s monthly e-Newsletter and notification to transportation stakeholders.
- e. Performance-Based Project Selection Criteria for Transportation Projects: Continue to develop a transparent, data-driven performance-based project selection criteria for prioritizing all asset-based (e.g. bicycle and pedestrian, pavement, traffic safety, bridge, and transit infrastructure) projects proposed for the STIP. This process also aims to help manage transportation assets by utilizing our upgraded software capabilities. Utilize the Transportation Advisory Committee and the State Planning Council to develop guidance for scoring projects and overseeing the implementation of the proposed project selection criteria framework. The framework will then be integrated into the E-STIP project intake application being developed with ESRI under Project 2.1 E-STIP Software Platform. This Special Task will produce a project selection criterion for transportation STIP project selection and assist in asset management moving forward.
- f. E-STIP Project Application Guidebook for Municipalities: Provide municipalities with a guidebook for submitting new project applications requesting funding through the E-STIP. The guidebook will clarify and outline the submission process for municipalities when submitting new projects to be considered for the STIP. Items that will be detailed in the Guide include federal design and construction requirements, project eligibility, project requirements, sponsor and match funding requirements, the reimbursement process, the E-STIP online application process, scoring/selection criteria, and timeline.
- g. Annual Federal Obligation Report: Complete Annual Federal Obligation Report and report to the TAC and SPC. Inform stakeholders and the general public through web posting.

Projects

Project 2.1: Electronic State Transportation Improvement Program (E-STIP) Software Platform

Project Agency Lead: RIDSP

Partner Agencies: RIDOT

Contact Person: Mason Perrone and Vincent Flood

Schedule for Completion: This project is an ongoing effort through the duration of this UPWP timeframe and will be implemented within the next 12 to 18 months.

Products / Deliverables:

- E-STIP software system and public facing website capabilities
- PMG – E-STIP Manager and E-STIP Viewer
- ESRI SWIFT– Online Project Intake Application

Project Description: This project is a continuation of the STIP Process and Database Enhancements project that began in FY 18. It is for the integration and adoption of State Transportation Improvement Program software platforms to support the development of a web based Electronic State Transportation Improvement Program (E-STIP) database, online project intake, online public comment tools, and online revision toolset. The STIP software applications for the Division of Statewide Planning will link the project information into a geographically based online database for improved project management, coordination with RIDOT and RIPTA, workflow, data/project analysis, project bundling, and transparency. The software will also improve the STIP project solicitation process by providing the capability for online submissions and prioritization. This function will also greatly improve the staffing workflow, automation, and public transparency. Part of this work includes software migration to ESRI's new platform, Experience Builder, for improved accessibility and overall simpler user experience.

Schedule for Completion:

Quarter 1 and 2 FY2024

- PMG E-STIP – continue testing defects as needed, both in E-STIP manager and viewer. Finalize launch timeline of E-STIP Viewer for public use
- ESRI SWIFT – ESRI will work to migrate existing SWIFT platform to new Experience Builder platform. RIDOT will work with ESRI to update project bundler migration once the core of Experience Builder has been developed. RIDSP will generate sample reports and continue testing to propose changes and enhancements once the existing platform has been migrated.
- Begin refinement of scoring criteria and data layers related to SWIFT project intake geoprocessing and scoring.

Quarter 3 and 4 FY2024

- Launch PMG E-STIP viewer
- ESRI SWIFT – Finalize migration to Experience Builder as well as bundler integration and continue application testing in coordination with RIDOT team and finalize integration of PMG E-STIP and ESRI SWIFT.
- Refine scoring criteria for project intake and develop target dates to bring before necessary state committees.
- Approval of scoring criteria by necessary state committees
- Deploy ESRI SWIFT Application to production

Quarter 1 and 2 FY2025

- Develop training program for SWIFT Project Application for municipalities

Project Cost (other than staff time): \$319,724 total; \$150,000 RIDOT, \$33,945 RIDSP, \$108,624 FHWA and \$27,155 FTA

Activity 2 Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 2 (salary and operating)	\$53,911	\$161,734	\$53,911	\$0	\$269,556
Project 2.1 (E-STIP Software Platform)	\$33,945	\$108,624	\$27,155	\$150,000	\$319,724
Total	\$87,856	\$270,358	\$81,066	\$150,000	\$589,280

Activity 3 – State and Regional Transportation Operations, Management, and Planning Coordination

Objective: Improve the performance of the existing transportation system in order to 1) relieve recurring and non-recurring vehicular congestion and 2) maximize safety and mobility for people and goods. Work with partner agencies to implement strategies such as the use of travel demand reduction, operational management strategies, education, enforcement, and engineering. Partner with State and regional agencies on such issues as coordinated regional planning, transportation finance reform, charging and fueling infrastructure, and Infrastructure Investment and Jobs Act implementation. In collaboration with federal, state, municipal, and private partners, promote projects that enhance the connectivity between transportation modes. Promote consistency between transportation systems and planned growth. Reduce mobile source emissions from vehicles idling at intersections and aid in meeting the goals set forward by Rhode Island’s Act on Climate. Implement State Guide Plan 611, [Moving Rhode Island Forward 2040](#).

Ongoing Tasks

- a. Continue to maintain and update the INRIX based Corridors Dashboard as needed.
- b. Implement strategies for reducing the effects of non-recurring congestion such as assisting RIDOT with the identification and implementation of its Transportation System Management & Operations (TSMO) objectives.
- c. Participate in Road Safety Audits as requested by RIDOT.
- d. Serve on the RIDOT advisory committee for the Strategic Highway Safety Plan.
- e. Support and participate in quarterly meetings of the Incident Management Task Force.
- f. Cooperate with RIDOT to support the Rhode Island’s Strategically Targeted Affordable Roadway Solutions (RI*STARS) Program that uses a systematic, data-driven approach to target locations with high congestion and crash rates with quick, high impact, and low- cost improvements.
- g. Identify regional routes essential to the movement of goods and people, work cooperatively with municipalities and other stakeholders to understand the needs of the corridor, particularly as they relate to transitions between transportation modes, evaluate the potential strategies to address them, and implement those strategies.
- h. Meet regularly with RIDOT and RIPTA to coordinate activities and to monitor and plan for federal planning requirements as they are released by USDOT.
- i. Continue to participate in the National Cooperative Highway Research Program’s including 08-132 Accessing America’s Great Outdoors: Understanding Recreational Travel Patterns, Demand, and Future Investment Needs for Transportation Systems and 08-138 Connecting Transportation Asset Management (TAM) and Transportation System and TSMO.
- j. Meet regularly and partner with regional planning agencies, adjacent Metropolitan Planning Organizations, the Eastern Transportation Coalition, and larger regional organizations on mutually beneficial projects.
- k. Support the Tri-Party Agreement between the SPC, RIDSP, RIDOT, and RIPTA to achieve Performance-Based Planning and Programming requirements and comply with other federal requirements.
- l. Review and rank project applications for the RIDOT Municipal Road and Bridge Revolving Fund Program.
- m. Continue RITIS/INRIX Data Collection and Integration of travel data to assist several use cases and could result in usefulness for future UPWP projects.

Special Tasks

- n. Congestion Management Process & Plan (CMP) - Facilitate and implement to analyze the multi-modal transportation system using performance measures, define congested corridors, and implement strategies for reducing recurring congestion in defined problem areas. Engage and work with RIDOT, RIPTA, and other members of the Congestion Management Task Force through quarterly meetings of the Congestion Management Task Force.
 - CMP Annual Report: Prepare an annual report that presents data on each of the identified Congestion Management Process performance measures. RIDSP is the lead agency for this Special Task with RIDOT as a partner. The deliverable for this Special Task is the Annual Congestion Report for 2023.
 - CMP GIS StoryMap Update: Update the congestion management online *ESRI* hosted ArcGIS StoryMaps

utilizing 2021 data and or other updates as data and guidance becomes available.

- o. Greenhouse Gas Emission Reduction with Targeted Data-Driven Signal Retiming: RIDSP and RIDOT will work to identify intersections where signal retiming can help reduce idling cars on roadway, to improve traffic flow, reduce congestion, and cut down on greenhouse gas emissions. A list will be developed and shared with RIDOT to see if signals could be appropriate for retiming or if intersections could be improved in other ways that could alleviate idling for an extended period of time.

Activity 3 Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 3 (salary and operating)	\$27,892	\$83,675	\$27,892	\$0	\$139,459

Activity 4 – Transit Planning

Objective: Provide a safe, robust, and convenient network of transit services with seamless intermodal connections in support of increased employment and housing opportunities, better access to educational, healthcare, social and recreational services, improved environmental quality, and reduced congestion and automobile dependency.

Ongoing Tasks

- a. Provide technical advice, assistance, and support to RIPTA on planning efforts associated with the implementation of State Guide Plan 611, [Moving Rhode Island Forward 2040](#) and [Transit Forward RI 2040](#). This may include:
 - Assist with planning and development of rapid bus and high-capacity transit corridors.
 - Collaborate with RIPTA, municipalities, and other stakeholders to identify and designate community and regional mobility hubs.
 - Assist RIPTA, RIDOT, and local communities to ensure that [Transit Forward RI 2040](#) priorities are incorporated into municipal comprehensive plans, Statewide Transportation Improvement Program (STIP) submissions, STIP-funded capital projects, and other state and local planning efforts.
 - Work with RIPTA, state agencies, municipalities, and other stakeholders to align proposed housing, employment, and other development investments with existing and planned public transit service.
- b. Provide technical advice, assistance, and to RIPTA and RIDOT with general public transit planning efforts as well as data collection, monitoring, and reporting. This may include:
 - Assist with data collection and analysis for the National Transit Database (NTD), including review of draft data submissions for accuracy and consistency.
 - Assist with RIPTA surveys, analysis of survey results, and researching comparable transit passenger surveys in the region.
 - Provision of data for; demographics, the State Guide Plan other statewide-related land-use and transportation data.
- c. Provide technical planning advice on laws, policies, and regulations to identify ways to better position the State for growth that is supportive of enhanced transit services, including development of strategies to advance Transit-Oriented Development (TOD). This may include:
 - Assessment of policies in other states that pertain to housing, commercial development, and institutional uses, along with programs, policies, and laws supporting TOD and assistance on TOD to local communities.
 - Evaluate state employee commuting policies and recommend changes to encourage more transit use.

Projects

Project 4.1: High-Capacity Transit Project Development

Project Agency Lead: RIPTA

Partner Agencies: RIDSP, RIDOT

Contact Person: Sarah Ingle, Director of Long-Range Planning

Schedule for Completion: Project will be completed within 24-36 months of FY 23 start

Products / Deliverables:

- Environmental Analysis
- Alternative Analysis
- Selection of Locally Preferred Alternative(s)

Project Description: [Transit Forward RI 2040](#), the transit element of State Guide Plan 611, [Moving Rhode Island Forward 2040](#), Long-Range Transportation Plan, identifies two corridors that have the level of transit demand to warrant high-capacity transit – either bus rapid transit or light rail. These prospective corridors, running from Central Falls to Warwick via Reservoir Avenue and from downtown Providence to Warwick via Post Road, present the greatest opportunities to leverage federal New Starts/Small Starts funding through the Federal Transit Administration's Capital Investment Grant (CIG) program. To be eligible for these funds in the future, RIPTA, with its partners at RIDOT and Statewide Planning, will undertake planning activities consistent with those outlined in the CIG program, including a Planning and Environmental Linkages (PEL) study, alternative analyses, and selection of locally preferred alternatives. These UPWP funds will supplement additional funds programmed in the STIP for a total of approximately \$2.16M. Largest among these is a USDOT Rebuilding American Infrastructure with Sustainability and Equity (RAISE) planning grant of \$900k awarded to the project in November 2021; this grant will support a feasibility study and alternatives analysis, including public engagement, for the prospective corridor linking Central Falls to Warwick. Remaining funds will support completion of the full study of the two corridors, including both the Reservoir and Post Road legs.

Project Cost (other than staff time): \$2,162,500 (\$80,000 FTA; \$20,000 RIPTA = \$100,000 included in the UPWP; \$900,000 RAISE grant; \$750,000 in 5307 funding; \$225,000 in RICAP match (state capital funds); \$187,500 in RIPTA gas tax match)

Project 4.2: Transit Surveys & Data Acquisition

Project Agency Lead: RIPTA

Partner Agencies: RIDSP

Contact Person: Sarah Ingle, Director of Long-Range Planning

Schedule for Completion:

- Phase I: Procurement – Issue RFP FY 24 Q3, Notice to Proceed FY 25 Q1
- Phase II: Survey – FY 25 Q2

Products / Deliverables:

- Survey report and dataset including origins/destinations, demographic/socio- economic characteristics, and fare payment

Project Description: RIPTA acquires data from a wide variety of sources ranging from on-vehicle fareboxes and automated passenger counters to customer and community surveys. This multi-year project will support RIPTA efforts relating to data gathering and integration, including implementation of a Title VI-compliant on-board customer survey on a three- to five-year cycle. The project information that follows is specific to this FTA mandated survey; however, additional survey work and/or data acquisition may be undertaken should funding resources allow. On-Board Customer Survey: FTA requires all transit agencies that operate 50 or more fixed route vehicles in peak service and are located in a UZA of 200,000 or more in population to collect survey data regarding customer demographics and travel patterns no less than every five years. In compliance with this requirement, and with the further goal of maximizing service equity and efficiency through a data-driven approach to service planning, RIPTA will conduct a comprehensive on-board survey of existing riders. The survey results will also be used to help validate and calibrate the Rhode Island Statewide Model.

Project Cost (other than staff time): – No funding allocated for FY24
 Proposed Funding for FY25 - \$250,000 (\$200,000 FTA; \$50,000 RIPTA)

Activity 4 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 4 (salary / operating)	\$4,306	\$4,306	\$12,918	\$0	\$21,530
Project 4.1 (High-Capacity Transit Project Development)	\$0	\$0	\$80,000	\$20,000	\$100,000
Project 4.2 (Transit Surveys & Data Acquisition)	\$0	\$0	\$0	\$0	\$0
Total	\$4,306	\$4,306	\$92,918	\$20,000	\$121,530

Activity 5 – Freight Planning Implementation

Objective: Support a vigorous economy by facilitating the multi-modal movement of freight within Rhode Island and the northeast region. [Implement the 2022 Freight and Goods Movement Plan - Interim Update.](#)

Ongoing Tasks

- a. Organize and lead quarterly meetings of the Freight Advisory Committee and with outreach to public and private freight stakeholders.
- b. Continue to work on the truck model component of the statewide travel demand model.
- c. Update and develop new freight data and GIS information for state freight facilities and activity, as available and especially associated with the 2022 update to the Freight and Goods Movement Plan.
- d. Collect data to monitor the state portions of the National Highway Freight Network including the Primary Highway Freight System (PHFS), Interstate not on the PHFS, Critical Urban freight Corridors, and Critical Rural Freight Corridors and update, as needed.
- e. Update the Freight Finder online mapping application with the newly expanded Urban and Rural Freight Corridors expanded by the 2022 Freight Plan update.
- f. Display new Freight Corridor maps on Division of Statewide Planning freight webpage
- g. Respond to any freight-related questions and/or concerns from FHWA National and RI Division offices.
- h. Participate as requested to provide freight related input for local planning studies.
- i. Continue to participate in the quarterly Providence Port Community Engagement Meetings.
- j. Promote local learning opportunities and initiatives related to freight.
- k. Support and participate in workshops, meetings, and other freight planning activities of the Eastern Transportation Coalition (TETC) as Chair of the Freight Data and Planning Subcommittee.
- l. Continue to participate in the National Cooperative Highway Research Program’s (NCHRP) 08-134 Integrating Freight Movement into 21st Century Communities’ Land Use, Design, and 23-13 (03) Transportation Systems and Guidance for State DOTs on Truck Rest and Service Areas for Critical Supply Chain Delivery.

Special Tasks

- a. Freight Tours: Conduct 2-3 freight tours/events at key freight facilities to educate municipalities on an increased understanding of freight trends. Provide a greater capacity to address freight issues through tours and surveys of significant freight companies within the State.
- b. Freight and Land Use Development Review Checklist for Municipal Planners: Continue offering Rhode Island Freight and Land Use Seminars targeted for municipal planning staff. Create a freight development review checklist for local planners. Conduct planner roundtables to discuss the checklist and issues for consideration when reviewing freight facilities for local land use approval.
- c. Revise Comprehensive Plan Guidance Handbook to Include Additional Freight Guidance: Add more guidance on incorporating freight into municipal comprehensive plans in the [Comprehensive Planning Guidance Handbook Revised and Abridged](#), Part Eight, *Planning for Transportation* to consider for the comprehensive community plan process as well as new sample goals, policies, and guiding questions.

Activity 5 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 5 (salary and operating)	\$9,355	\$23,386	\$14,032	\$0	\$46,773

Activity 6 – Transportation Planning and Bicycle and Pedestrian Mobility

Objective: Improve the overall performance, safety, and reliability of the multi-modal transportation system in Rhode Island through local, regional, and statewide transportation planning efforts. Utilize performance management data to support decisions to help achieve desired performance outcomes. Seek ways to reduce auto congestion and single occupant vehicle dependency, enhance transit usage and connections, and encourage more walking and biking in communities and downtowns, resulting in improved public health, air quality, and quality of life for residents. Implement State Guide Plan 611, [Moving Rhode Island Forward 2040](#).

Ongoing Tasks

- a. Monitor federal and state transportation legislation and guidance on state transportation plans.
- b. Conduct research and other background work that may be used for future transportation projects or for amendments to the Long-Range Transportation Plan. Propose and process amendments as needed.
- c. Continue to work with RIDOT, RIPTA, the TAC, and SPC on the identification of performance trends and implement and integrate Performance Based Planning and Programming (PBPP) to achieve desired outcomes for the multimodal transportation system. Update RIDSP PBPP web content with updated performance targets and progress.
- d. Continue to monitor, evaluate, and report on the performance targets to ensure that the goals translate and are linked to project selection and programming decisions in the LRTP and STIP.
- e. Coordinate with stakeholders on the implementation of the Bicycle Mobility Plan and coordinate with RIDOT in efforts to increase bicycle and pedestrian safety and the RIDOT development of a Vulnerable Road User Safety Action Plan.
- f. Continue to work with DEM in updating the State Implementation Plan and the execution of the Motor Vehicle Emission Simulator (MOVES) to estimate emissions for mobile sources for air pollutants, greenhouse gases, and air toxins, as necessary for compliance with U.S. Environmental Protection Agency's Air Quality Conformity Regulations. Demonstrate transportation conformity of the long-range transportation plan and the STIP with the State Implementation Plan if necessary.
- g. Convene the Air Quality Working Group, as necessary, to ensure transportation conformity for air quality. The Working Group is comprised of representatives from RIDSP, RIDEM, RIDOT, RIPTA, RIDOH, FHWA, FTA, U.S. EPA, the RI Association of Railroad Passengers, the American Lung Association of RI, the Rhode Island Sierra Club, and public members.
- h. Participate in the FRA Amtrak Daily Long-Distance Service Study. Information on this study can be found here: <https://railroads.dot.gov/rail-network-development/planning/amtrak-daily-long-distance-service-study>.
- i. Assist the Office of Energy Resources with the implementation of [Electrifying Transportation: A Strategic Policy Guide for Improving Public Access to Electric Vehicle Charging Infrastructure in Rhode Island](#).

Special Tasks

- j. Long Range Transportation Plan Project Mapping - Update the current State Guide Plan 611, [Moving Rhode Island Forward 2040](#) (LRTP) project list known as the Pool of Projects (<http://www.planning.ri.gov/documents/LRTP/LRTP-app/AppendixE.pdf>). Work with RIDOT to develop access to a shared interface and data layers that encompass the entire list of priority and long-range projects to completely map the Pool of Projects and provide better project data. Use this "LRTP layer" in applications ranging from ESRI SWIFT, Transportation Equity Analysis, planning on-going Fiscal Constraint, and updating the LRTP itself.

Projects

Project 6.1: Complete Streets Plan / Design Guidelines

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, RIPTA

Contact Person: Mason Perrone

Schedule for Completion: Expected to take 2.5 years, with completion in calendar year 2025.

Products / Deliverables:

- State of Rhode Island Complete Street Plan & Design Guidelines

Project Description: RIDSP, in cooperation with RIDOT and RIPTA, will solicit consultant assistance to develop a Statewide Complete Streets Plan. A total of 2.5% of FHWA funding is being set-aside for this project in an effort to comply with IJJA/BIL Section 11206 - Waiver of the Non-Federal Match for SPR and PL Funds for Complete Streets Planning Activities. The Plan will include the following elements:

- Research state and national best practices for policies and tools for implementing Complete Streets.
- Development of statewide complete streets goals, policies, and vision
- Recommended municipal complete streets policy
- Recommendations to build state and municipal capacity to implement Complete Streets approaches and to strengthen relations between state transportation offices, municipalities, and the community.
- Complete Streets design guidelines for various communities by various street types including street active zones (sidewalks), bikeways, and intersections.
- Collect economic, crash, bus, and usage data on infrastructure projects that include significant complete streets elements to identify benefits.
- Create Complete Streets prioritization methodology for project selection.

Schedule for Implementation: This is the second year of 2.5-year planning process.

Quarter 4 FY 23

- Finalize RFP and receive approval from purchasing to proceed with solicitation.

Quarter 1 FY 24

- Finalize consultant choice
- Hold kick off meeting with working group and consultant.
- Review existing plans and complete streets examples and develop an annotated outline of the plan.

Quarter 2 FY 24

- Development of policy and vision for plan, data collection for implementing complete streets methods into project infrastructure, and complete streets principles, policy, and data collection memo.

Quarter 3 and 4 FY 24

- Integrate prior task work into draft complete streets plan with design guidelines and compile feedback from working group into draft plan.
- Hold stakeholder engagement meetings to solicit additional information and viewpoints toward draft plan.
- Present draft plan at TAC and SPC meetings for information and feedback.

Quarter 1 and 2 FY 25

- Integrate additional feedback into final plan, submit final plan to working group for feedback, and present final plan to TAC and SPC.

Project Cost (other than staff time): \$326,556 (\$121,245 FHWA; \$140,000 RIDOT; \$30,311- RIDSP; \$35,000 OTHER)*

** Project includes \$140,000 in RIDOT Complete Streets Funding and \$35,000 RIDOT Match carried over from FY 23, as well as RIDSP carryover of 2.5% Federal Planning Funds from FY 23, and an additional 2.5% of Federal Planning Funds from FY 24.*

Project 6.2: State Bicycle Counting Data

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, RIPTA

Contact Person: Mason Perrone

Schedule for Completion:

Quarter 4 FY 2023

- Finalize vendor contract for Streetlight Data set through The Eastern Transportation Coalition (TETC). RIDOT will house the contract as it is a part of Project 9.1. This is a one-year contract for trial purposes that will continue if the parties are satisfied with the product.

Quarters 1-4 FY 2024

- Utilize new data set for new and continuing projects, such as Complete Streets Guide, Congestion Management Reporting, and the LRTP Update.

Products / Deliverables:

- Bicycle count data

Project Description: RIDSP, in cooperation with RIDOT and RIPTA, will examine the acquisition of streetlight and bicycle counting data, potentially through partnership with The Eastern States Coalition (TETC) and through their marketplace (see also Activity 5) and or through other private- sector data sources. Development of bicycle data is critical to modeling efforts, ensuring that appropriate connections are made in developing the statewide bicycle network, and for purposes of realistically assessing proposed bicycle infrastructure projects.

Project Cost (other than staff time): None

Project 6.3: State Guide Plan 611, *Moving Forward RI 2040*, Long-Range Transportation Plan

Project Lead: RIDSP

Contacts: Mason Perrone

Partners: RIDOT, RIPTA

Schedule for Implementation: 2.5 years; Updated LRTP to be approved by SPC no later than December 2025.

Deliverables: Updated Long-Range Transportation Plan

Project Description:

State Guide Plan 611, *Moving Forward RI 2040*, Long-Range Transportation Plan (LRTP) informs and guides decision-makers by setting the direction for major transportation investments in the State over a twenty-year horizon. This project will update the 2040 LRTP to a 2045 horizon and include updated data and analysis, cost estimates and funding sources, short-term and long-term goals, objectives, strategies, and performance measurements that reflect federal transportation priorities. The LRTP will be designed to satisfy federal regulations related to a long-range statewide transportation plan and a metropolitan transportation plan.

Schedule for Implementation: This is the first year of a 2.5-year planning process. Staff will work to update elements of the LRTP in-house in FY24 with the possibility of adding a consultant in FY25 and FY26.

Quarter 1 and 2 FY 24

- Begin compiling information needed to update various sections of the LRTP.
- Engage necessary partner agencies to acquire data for updates of appendices.
- Conduct internal working group meetings with RIDSP staff to determine project timelines.

Quarter 3 and 4 FY 24

- Continue updating LRTP appendix sections in-house.
- Determine if consultant help may be necessary to complete project. If so, begin RFP process so it can begin early in FY 25.

FY 25 & FY 26

- If consultant help is needed, choose consultant to assist with update and establish a timeline for completion.
- Begin stakeholder outreach.
- Ongoing updates to LRTP appendices.
- Solicit feedback from TAC and SPC.
- Submit final plan for approval to SPC no later than December 2025 to maintain federal compliance.

Project Cost (other than staff time): none this FY.

Activity 6 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 6 (salary and operating)	\$51,331	\$179,660	\$25,666	\$0	\$256,657
Project 6.1 (Complete Streets)	\$30,311	\$121,245	\$0	\$175,000	\$326,556
Project 6.2* (Bicycle Data) (*see Project 9.2)	\$0	\$0	\$0	\$0	\$0
Project 6.3 (Long-Range Transportation Plan)	\$0	\$0	\$0	\$0	\$0
Total	\$81642	\$300,905	\$25,666	\$175,000	\$583,213

Activity 7 – Long-Range Land Use & Transportation Planning

Objective: Guide development and transportation patterns in the State through the State Guide Plan (SGP) to create a resilient network of concentrated healthy population centers with access to affordable housing, economic opportunity, and an extensive greenspace network connected by transportation options including convenient transit, and high-quality infrastructure corridors. The collective group of Elements (or Plans) of the SGP sets long-range goals, provide a means to evaluate and coordinate projects or proposals of state or regional importance, and provides uniform and stakeholder vetted state goals to be reflected in local comprehensive plans.

Ongoing Tasks

- a. The State Guide Plan is Rhode Island’s centralized and integrated long-range planning document. The State Guide Plan is not a single document but a collection of elements (plans) that have been adopted over many years. It comprises many separately published elements covering a range of topics. The State Guide Plan provides a degree of continuity and permanent policy direction for the state’s future development. The State Guide Plan currently contains 18 elements. From time to time it is necessary to update or amend the 16 Elements of the State Guide Plan as needed. This is typically topic or project-driven (current projects are individually listed below). It may include research, engaging stakeholders, and other background work that may be used for future SGP projects or for amendments to existing SGP.
- b. Continue to implement the SGP strategies and actions of the 18 Elements. This may involve working with municipalities, other state agencies and authorities, nongovernmental organizations, the General Assembly, and other planning stakeholders.
- c. Update the list of State Guide Plans on-line as needed and continue to maintain the history of the SGP by updating as needed an inventory of current, amended, and rescinded Elements of the SGP.
- d. Continue to deliver a public information on *Land Use 2025* for municipal officials and civic groups. Provide presentations on land use issues and concerns, and the recommendations of *Land Use 2025* to encourage integration of its goals, objectives, and strategies within municipal comprehensive plans.
- e. Assist executive branch agencies by conducting research and policy analysis on issues that cut across established agency areas of responsibility.
- f. Carry out planning studies to analyze emerging land use and transportation issues, as may requested by the Governor’s Office and or the Director of Administration.
- g. Publish occasional papers on topics of emerging land use and transportation trends or planning issues.
- h. Update key data layers such as composite municipal future land Use and compile current municipal zoning and land development regulations related to land use and transportation planning.
- i. Coordinate with the Department of Health through participation in programs such as the Health Opportunity Zones and other planning-based initiatives.

Special Tasks

- j. Comprehensive Economic Development Strategy (CEDS): Commerce RI is tasked with developing a five-year Comprehensive Economic Development Strategy with funding made available through the State Planning Assistance program of the U.S. Economic Development Administration and with State partners. [Rhode Island Rising](#), Rhode Island Economic Development Plan, SGP Plan Element 211 serves as a coordinating vehicle to ensure that the activities of the state and local government, as well as the private sector, are focused on achieving a shared vision. The updated strategy will serve both as a guidance document to municipalities as they draft their individual local comprehensive plans and as one of the standards for State approval of a local comprehensive plan. Core components of the CEDS relate to infrastructure, land use, tourism, climate change, and other focus areas as defined by USDOT.
- k. Housing State Guide Plan Element: an updated state housing plan is proposed for development by the newly formed Division of Housing. It is unknown if this new Plan will also serve as an updated housing element consolidating and replacing three existing SGP Elements from 2006. This task is being included as a place holder in the event it becomes an updated housing element and approval by the SPC is needed.

Project 7.4: State Guide Plan: Land Use 2050: Rhode Island’s Plan for Land Use and Transportation

Project Lead: RIDSP

Contacts: Nancy Hess, Paul Gonsalves

Partners: URI/RIGIS; RIDOT; RIPTA; DEM; RIEMA; CRMC; DOH; Commerce RI, Municipal Planners, and RI Interagency Food Nutrition & Policy Council

Schedule for Implementation: This is the fourth year of a six-year planning process.

Quarter 1 FY2024

- Submit Draft RFP for data services to DOA initiating state procurement process
- Continue research for zoning technical paper

Quarter 2

- Work with DOA Purchasing & select consultant – write contract for data services
- Continue research for zoning & agricultural technical papers

Quarter 3 FY 2024

- Continue work on all technical papers

Quarter 4 FY 2024

- Complete zoning technical paper
- Continue work on agricultural and land use change technical papers

FY2025

- Complete work on agricultural and land use change technical papers
- Draft RFP for consultant service for *Land Use 2050* update services

FY 2026

- Continue and complete work on *Land Use 2050* update

Deliverables:

- FY 2024 - 2 technical Papers for *LU 2050* Update
- FY 2025 – 1 technical paper for *LU 2050* Update
- FY 2026 - *LU 2050* Update

Project Description: Land-use decisions play a key role in shaping the long-term success of virtually every transportation system in the United States. This project will continue the process started in FY20 of updating the State Guide Plan Element 121, [Land Use 2025: Rhode Island’s Land Use Policies and Plan](#) to complement SGP Element 611, *Moving Forward RI 2040*. This Plan will provide a range of goals, policies, and actions for enhancing communication and coordination among land use stakeholders as well the transportation community. Work will be accomplished through both DSP Staff and consulting services. After conducting extensive outreach and public participation, a preliminary draft will be presented to Technical Committee and State Planning Council for review and adoption through the State Planning Council’s adoption process for the SGP. The project will continue work to:

- Create a series of technical papers developing background data for use in creating a plan for a sustainable state with land use, transportation and infrastructure systems that work for all, and provides policy options including the ability to prepare for and adapt to the impacts of climate change.
 - Technical Paper on Rhode Island Zoning & Land Use – Continue work to update the existing technical paper [Technical Paper 148, Inventory of Local Zoning Ordinances and Land Development Regulations](#). Survey all 39 communities for modern planning techniques, adoption of growth centers, affordable housing issues, and other land use and transportation related practices. Contract with a mapping specific consultant to

collect and create new digital information for: creating a statewide composite of municipal future land use maps, statewide generalized zoning districts, and growth centers for each RI community. Staff will include the maps in the update of the Technical Paper. Consult with municipal planners throughout to confirm findings. Include selected map products, a summary of the topics, and any potential goals and policies recommended in the SGP Element update.

- Technical Paper on Agriculture, Food Security & Land Use - Draft a new technical paper on agriculture and food policy in Rhode Island to ensure the availability of adequate, affordable, socially, and culturally appropriate food under a variety of environmental, and public health conditions. The Paper will examine food security in a normal economy and in times of crisis and the need for economically vibrant markets for local and regional food. Staff will engage other key state and regional stakeholders in a collaborative effort to discuss regional food system planning and development in RI. Consult with municipal planners throughout to confirm findings. Include a summary of the topics, any potential goals and policies recommended in the SGP Element update.

- Technical Paper on Rhode Island's Changing Landscape – Draft a new technical paper to analyze land use trends between 1988 and 2020 using digital land use/land cover GIS data, aerial photos, other media, and maps showing land use change over time. Contract with a mapping specific consultant who focuses on GIS data to 1) show graphic illustration of changes to the landscape over time and 2) compare new composite future land use municipal map with historical 2002 composite future land use map for changes to desired land uses. Consult with municipal planners throughout to confirm findings. Include selected map products and a summary of the trends discovered and any potential goals and policies recommended in the SGP Element update.

Project Cost (other than staff time): \$115,000 (\$74,750 FHWA; \$18,000 FTA; \$23,000 DSP)

Project 7.5: State Guide Plan: *Ocean State Outdoors*: Rhode Island State Outdoor Recreation Plan (SCORP)

Project Lead: RIDSP

Contacts: Paul Gonsalves

Partners: DEM

Schedule for Implementation: FY 24 -25

Quarter 1 FY2024

- Work with DEM on Memorandum of Understanding & RFP for consultant services

Quarters 2, 3 and 4 FY 2024

- Work with DEM and advisory committee on preliminary draft plan
- Conduct public outreach

Quarters 1,2 and 3 FY 2025

- Work with DEM and advisory committee on preliminary draft plan
- Continue public outreach

Quarter 4 FY 2025

- Complete preliminary draft & advisory committee recommendation
- Adoption by SPC
- Submission to National Park Service

Project Description: Assist the DEM and the National Park Service to develop a work program through a Memorandum of Understanding to update *Ocean State Outdoors*, RI's State Comprehensive Outdoor Recreation Plan, SGP 152, to maintain state eligibility for federal Land and Water Conservation Funds. This Element sets goals, policies, and implementation strategies for open space, conservation, and recreation for DEM, other state agencies, and others. Using an advisory committee and other tools for public outreach, this project will evaluate outdoor recreation needs statewide and develop implementation strategies to meet the needs. It will also fulfill the requirements of the Recreational Trails Program of the Fixing America's Surface Transportation (FAST) Act for the use of funds from the Transportation Alternatives Set-Aside required under the Surface Transportation Block Grant Program.

Project Cost (other than staff time): none in this FY.

Project 7.6: State Guide Plan: [Solid Waste 2038, Rhode Island Comprehensive Solid Waste Management Plan](#)

Agency Lead: RIRRC

Contacts: Meredith Brady, Caitlin Greeley

Partners: RIDEM, Resource Recovery (RIRRC)

Schedule for Implementation: FY 24 -25

Quarter 1 FY2024

- Work with RIRRC, DEM on Memorandum of Understanding & RFP for consultant services

Quarters 2, 3 and 4 FY 2024

- Work with RIRRC, DEM and advisory committee on preliminary draft plan
- Conduct public outreach

Quarters 1,2 and 3 FY 2025

- Work with RIRRC, DEM and advisory committee on preliminary draft plan
- Continue public outreach

Quarter 4 FY 2025

- Complete preliminary draft & advisory committee recommendation
- Adoption by SPC

Deliverables:

- Memorandum of Understanding
- Advisory Committee recommendation on Preliminary Draft Plan
- Preliminary Draft Plan for SPC approval
- Final Plan approved by SPC

Project Description: Assist the RIRRC and RIDEM to develop a work program through an interagency Memorandum of Understanding to update *Solid Waste 2038, Rhode Island's Solid Waste Management Plan*, SGP 171. Ensure that the MOU includes a robust public participation process and will require coordination with goals and policies in other SGP Elements and transportation related plans such as *Freight Forward RI 2022*. The Solid Waste Management Plan serves to meet the need for a statewide solid waste management plan as required by the Federal Resource Conservation and Recovery act of 1976, as amended and the Statewide Resource Recovery System Development Plan. This plan describes existing practices, programs, and activities in all major solid waste management areas and develops recommendations specific to each. It is intended to advance the effectiveness of public and private stewardship of the State's disposal of solid waste, including its transport to landfill facilities or other disposal methods in the state and region.

Project Cost (other than staff time): None this FY.

Activity 7 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 7 (Salary and operating)	\$33,649	\$109,360	\$25,237	\$0	\$168,246
Project 7.4 (Land Use 2050)	\$23,000	\$74,750	\$18,000	\$0	\$115,000
Total	\$56,649	\$184,110	\$43,237	0	\$283,246

Activity 8 – Intergovernmental Coordination

Objective: Ensure intergovernmental coordination on issues of transportation, land use, housing, and economic development relevant to the MPO. Provide guidance to state, municipalities, and other agencies to ensure plans and actions are consistent with, and help to implement, the SGP.

Ongoing Tasks

- a. Participate on the RIDOT Land Sales Committee. Review proposed transactions affecting state-owned properties, including highway rights- of-way, for consistency with the SGP, including the LRTP.
- b. Review transactions affecting state-owned properties, including highway rights- of-way, for consistency with the SGP and provide findings to the State Properties Committee.
- c. Review projects proposed or funded by the Rhode Island Commerce Corporation or its subsidiaries to determine conformity with the SGP, including the LRTP.
- d. Provide outreach and technical assistance to municipal governments in the development of comprehensive plans and other topical questions as requested. Review draft and final municipal comprehensive community plans for consistency with the SGP. Reviews are conducted as necessary when drafts, plans or amendments are submitted by municipalities.
- e. Review, as needed because of mandate by R.I. General Laws; Expedited Housing Permit requests, Water Supply System Management Plans, Clean Water Infrastructure Replacement Plans, State Revolving Fund (SRF) applications for drinking water and clean water infrastructure for consistency with the SGP.
- f. Review for consistency with the SGP annual Community Development Block Grant applications.
- g. Work with DEM, RI Trails Advisory, and the Recreation Resources Review Committees in implementing grant rounds for local recreation and open space projects.
- h. Work with the Rhode Island Rivers Council in designating watershed councils and implementing grant rounds for watershed projects.

Activity 8 – Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 8 (salary and operating)	\$42,741	\$53,426	\$10,685	\$0	\$106,852

Activity 9 – Planning Information and Education

Objective: Develop and provide data and policy analysis on pertinent topics such as but not limited to transportation demographic, social, economic, land use, and housing. Develop and provide education for municipal planning, zoning, and historic district board, or commission members on land use law, transportation and land use planning. Manage and coordinate data and municipal training to support transportation and other planning activities. Ensure the accessibility and dissemination of geospatial and demographic data to State agencies, local governments, and other data users.

Ongoing Tasks

- a. Monitor, coordinate, and provide leadership for activities related to maintenance of the [Rhode Island Geographic Information System \(RIGIS\)](#) and the use of geospatial technology within the State. Continue to partner with state agencies and support initiatives to implement or use the technology and integration and sharing of data
 - Participate in RIGIS Executive Committee meetings and assist with publication of RIGIS newsletter.
 - Continue to partner with the University of Rhode Island’s Environmental Data Center (URI EDC) for RIGIS delivery and track achievements /progress through quarterly reports.
- b. Respond to requests for assistance and provide technical assistance to municipalities on the use of GIS/RIGIS.
- c. Develop and keep updated transportation, land use/land cover, impervious surface, population, population projections, employment, housing and other MPO planning related data. Provide analysis, visualizations of the data, and share with State, federal, regional, and local agencies.
- d. Work with the RIGIS Data Committee to facilitate communication between State agencies and to identify information gaps that exist, assess the reasons for these gaps, suggest steps that could be taken to resolve them, governance best practices, and advice on data purchases.
- e. Provide technical assistance and planning expertise to the RI Agricultural Lands Preservation Commission, Grow Smart RI, RI Natural Heritage Preservation Commission, RI Recreation Resources Review Committee, Rhode Island Historic Preservation and Heritage Commission, Rhode Island Resource Conservation and Development Council, Rhode Island Rivers Council, Rhode Island Trails Advisory Committee, RI State Conservation Commission, RI Food Policy Council, and RI Water Resources Board.
- f. Keep key layers of transportation and land use planning used for numerous state projects updated.
- g. Maintain and enhance the Rhode Island Statewide Model (RISM)

Special Tasks

- h. Transportation Performance Management Dashboard: Develop and maintain a dashboard of federally required, and state priority, performance measures designed to help benchmark and track the State’s progress in achieving the goals and targets outlined in SGP 611, [Moving Forward RI 2040](#), *Long-Range Transportation Plan*. The dashboard will focus in phases on Transportation Performance Management, and 2-year and 4-year targets as required by FAST-Act reporting guidelines. Update annually with compiled data, or relevant web links. Staff may also work with RIDOT, and DOA Information Technology resources as needed to develop an ESRI map online.
- i. Statewide Parcel Initiative: Provide a framework by which parcel data is published at a municipal level for inclusion in a statewide digital parcel dataset to support regional and statewide planning purposes.

Projects

Project 9.1: Vehicle Probe Transportation Dataset and Eastern Transportation Coalition

Project Agency Lead: RIDOT

Partner Agencies: RIDSP

Contact: Mason Perrone, Pamela Cotter, Christos Xenophontos

Schedule for Implementation:

- Quarters 1, 2, 3 and 4 - annual ongoing special task

Products / Deliverables:

- Transportation Dataset from INRIX and University of Maryland's Advanced Transportation Technology Laboratory (CATT) Lab Regional Integrated Transportation Information Systems
- Data for all federally mandated RIDOT performance reporting

Project Description: This is a continuation from FY 21. Vehicle probe transportation data is used to monitor Rhode Island's roadway system's performance. RIDSP and RIDOT will purchase INRIX traffic and travel data through the Eastern Transportation Coalition pooled fund. The INRIX data provides a comprehensive and consistent data source for traffic and travel times on Rhode Island's roadways. INRIX aggregates GPS probe data from a wide array of commercial vehicle fleets, connected cars and mobile apps. INRIX, through its partnership with the University of Maryland CATT Lab, operates the Regional Integrated Transportation Information System portal that staff will use to analyze, visualize, and understand road performance and state traffic signals based on the INRIX data.

INRIX real-time data will help staff actively measure, report, and manage traffic. Use of the historic INRIX data will help establish federally required performance targets, report on targets, and better plan for future transportation projects and programs. This information can also be analyzed to provide a variety of information about the transportation system including the general origins and destinations of travel, the travel times across a segment of road, the speed of travel incidents, and historical travel times. These datasets are important for operations, project planning, and project scoping activities. They are also invaluable to long-range planning, congestion management, transit planning, land use planning, bicycle planning, pedestrian planning, and travel demand modeling. The data outputs produced have potential applications for many state and municipal agencies beyond those listed.

This project also provides funding to support the MPO annual membership in the Eastern Transportation Coalition. The Coalition is an alliance of state transportation agencies, toll authorities, and related organizations, including public safety, that provides a forum for key decision and policy makers to address transportation management and operations issues of common interest. Rhode Island's participation in the Coalition helps to foster mutual support and networking with peers, develop consensus, cooperation, coordination, and communication with other member states. Benefits of membership in the Coalition allows the State access to the "pooled fund," which permits access to shared research and development, field testing, and to purchase data at the membership rate.

Project Cost (other than staff time): \$899,042 (RIDSP- \$54,400; FHWA- \$200,800; FTA- \$81,600; RIDOT \$186,066; Other \$376,176)

Project 9.2: Transportation, Air and Greenhouse Gas Modeling

Project Lead: RIDSP

Partners: RIDOT, RIPTA, RIDEM

Contacts: Vincent Flood, Ben Jacobs

Schedule for Implementation:

Quarter 1 FY2024

- AECOM Team will provide bi-weekly progress reports via email
- Travel Model Scenario Setup and Input data Preparation
- Adding Time of Day Factors to the RISM Model
- Adding the Peak Traffic Assignment to the RISM

Quarter 2 FY2024

- AECOM Team will provide bi-weekly progress reports via email
- Network Conversion to TRANSIMS

Quarter 3 FY2024

- AECOM Team will provide bi-weekly progress reports via email

Quarter 4 FY2024

- AECOM Team will provide bi-weekly progress reports via email

Products/ Deliverables:

- RISM & GHG modeling process
- Network & Demand Conversion to TRANSIMS
- Perform Dynamic Traffic Assignment and Validation
- HPMS Vehicle Miles Traveled Adjustments
- MOVES3 Settings and Inputs
- Training, and Report

Project Description: This ongoing task includes data inputs/outputs, enhancements, and updates to the RISM for the roadway network. Other updates will be for travel speed data from INRIX, FHWA's National Performance Management Research Data Set and/or RIDOT traffic sensor database, vehicle miles traveled data utilizing RIDOT annual HPMS submission, and ability to run future year build/no-build scenarios. Additional efforts will focus on connecting the current RISM model with the Environmental Protection Agency Motor Vehicle Emission Simulator (MOVES). This will be done through developing MOVES inputs and calculating regional emissions to conduct on-road transportation inventory and forecast of criteria pollutants and greenhouse gas emissions analysis that will help to achieve carbon emissions reductions in the transportation sector as established in the 2021 Act on Climate and 40 CFR Parts 51 and 934.

Project Cost (other than staff time): \$408,689(FHWA-101,561, FTA-\$25,390, SWP – \$40,869, RIDOT- \$240,869

Project 9.4: Environmental Data Center Partnership - RIGIS Geospatial Database

Project Lead: RIDSP

Partners: URI EDC

Contact: Vincent Flood

Schedule for Implementation: (annual ongoing task)

Quarter 1 FY2024

- Explore tools available to improve information sharing to RIGIS community

Quarter 2 FY2024

- Investigate and implement efficiencies within the RIGIS ArcGIS Hub-based websites

Quarter 3 FY 2024

- Establish a near real-time linkage between RISE GIS and existing vector data available from RIGIS
- Produce three monthly technical assistance summaries

Quarter 4 FY2024

- collaborate with RIDOT to establish a linkage between RISE GIS and the ArcGIS HUB website.

Product/ Deliverables:

- Story Maps/Journals and apps featuring RIGIS map services
- Approximately 25 new or updated datasets
- Four quarterly updates of the publicly available Esri file geodatabases
- Four quarterly blog posts summarizing RIGIS-distributed datasets
- Approximately 10 metadata records updated

Project Description: The geospatial data distributed by RIGIS supports numerous ongoing transportation and economic development planning initiatives. The University of Rhode Island’s Environmental Data Center (URI EDC) will continue as a subcontractor for hosting the [RIGIS Data Distribution Clearinghouse](#). As new data and map services are developed by RIGIS partners, URI EDC will add the new data to, and continue to maintain the software and hardware systems that support the Clearinghouse including advanced web mapping applications featuring RIGIS data and imagery. As an ongoing task, DSP and URI EDC work to ensure that web maps and web mapping applications will continue to allow users of all skill levels to access and interact with RIGIS datasets. Additional, detailed data may be obtained from a variety of sources to assist in developing more robust data sets.

Project Cost (other than staff time): \$75,000 (\$41,250 FHWA; \$18,750 FTA; \$15,000 URI)

Project 9.5: Municipal Transportation and Land Use Planning Education

Project Agency Lead: RIDSP

Contacts: Nancy Hess, Paul Gonsalves

Partner Agencies: State Planning Council /MPO Advisory Committee for Education (ACE), RIHPHC, URI NEMO

Schedule for Completion:

- Quarter 1 FY2024
 - o Conduct meeting of the ACE
 - o Conduct 2-3 educational workshops
 - o Develop memorandum of understandings to work with URI NEMO & RIHPHC for developing stormwater(online) & historic (in person/online) training opportunities
- Quarters 2 and 3 FY 2024
 - o Conduct 5 to 7 educational workshops
 - o Continue to work URI & RIHPHC re stormwater & historic training
- Quarter 4 FY 2025
 - o Conduct 2-3 educational workshops
 - o Finalize stormwater & historic training

Products/ Deliverables

- An estimated 10 to 12 educational workshops
- Online training for stormwater topics
- Online & in person training for historic district topics
- Annual Report
- Meeting(s) of the ACE

Project Description: Continue to deliver a curriculum of training detailing land use and transportation responsibilities for volunteer members of municipal historic, planning and zoning boards and commissions as mandated by R.I. General Law [§ 45-70](#). For FY 24 this task will include:

- Continue to provide an introductory 3-hours workshop highlighting the responsibilities of the MPO and enabling authorities for municipal boards an estimated once a month per each quarter. Prepare and conduct at least one rendition of a one-hour continuing education course refreshing land use planning responsibilities and any potential legislative changes for the MPO and municipal boards.
- Work with Partner agencies to provide other mandated education:
 - Draft an MOU and work with URI CRC and others to develop an online two-hour course concerning development in flood plains and sea level rise for planning board members. Staff will work with partners and use existing materials such as but not limited to workshops of [PrepRI](#) and other relevant materials for content.
 - Historical District CAMP & Training – Draft an MOU and work with RIHPHC and the National Alliance of Preservation Commissions to sponsor delivery of a Commission Assistance and Mentoring Program (CAMP) for both in person and virtual training. Using CAMP will provide high-quality, engaging, and informative training to historic district commissions through all types of presentations, hands-on exercises, group discussions and networking opportunities.
 - URI Nonpoint Source Education Municipal Officials (NEMO) Draft an MOU and work with URI staff to create an online, two-hour stormwater training for municipal boards. Use the University of RI hosting platform, *Brightspace Engage* to deliver two hours' worth of interactive slides/video and quiz content about stormwater training and impacts from transportation infrastructure such as roads for municipal planning boards and through the Platform, track attendance.
- Evaluation – continue to ask training participants to evaluate the training conducted to gather additional information regarding understanding of materials and identify additional training needs. Summarize the training conducted and evaluations received and review with the Advisory Committee for Education for necessary program adjustments.

Project Cost (other than staff time): \$140,000 (RIDSP \$28,000; FHWA \$91,000; FTA \$21,000)

Project 9.6: ESRI Enterprise Agreement with RIDOT

Project Lead: RIDOT

Partners: RIDSP

Contact: Vincent Flood

Schedule for Completion:

Quarter 1 FY2024

- Negotiate and Execute Enterprise Agreement with RIDOT, ESRI and DOA Purchasing
- Delivery of EA Maintenance, and provision of Esri User Conference registrations and any additional services as specified herein
- Coordinate software licensing with RIDOT and RIDSP GIS users.

Quarter 2 – Quarter 4 FY2024

- Utilize ESRI Enterprise Agreement products and services

Product/Deliverables: (numerous versions of ERIS software for GIS applications, including but not limited to single and concurrent uses for:

- ArcGIS Desktop: Advanced, Standard, and Basic
- ArcGIS Desktop Extensions: 3D Analyst, Data Reviewer, Geostatistical Analyst, Network Analyst, Publisher, Schematics, Spatial Analyst, and Workflow Manager
- ArcGIS Enterprise: Advanced and Standard
- ArcGIS GIS Server: Advanced and Standard
- ArcGIS Enterprise Additional Capability Server: Image Server, GeoEvent Server
- ArcGIS Monitor
- Mapping and Charting Solutions: Esri Production Mapping for Desktop

Project Description: Develop and implement an Enterprise Agreement(EA) to provide for the licensing and deployment of certain EA Products, delivery of EA Maintenance, and provision of ESRI User Conference registrations. An EA offers numerous benefits including:

- A lower cost per unit for licensed software
- Substantially reduced administrative and procurement expenses
- Maintenance on all Esri software identified in this proposal and deployed within the organization
- Complete flexibility to deploy software products when and where needed

The EA will remain in effect for three years and grant RIDOT/RIDSP uncapped access to the ESRI products listed above.

Project Cost other than staff time: \$60,000 (FHWA \$39,000; FTA \$9,000, RIDSP \$12,000)

Project 9.7: LIDAR Products

Project Lead: RIDSP

Partners: RIDOT, Providence Water Supply Board (PWSB)

Contact: Vincent Flood

Schedule for Implementation:

Quarter 1 FY2024

- Prepare and finalize Joint Funding Agreement with RIDOT, PWSB, and other partners with USGS
- Review deliverables specifications for buyup products

Quarter 2 FY2024

- Receive Initial delivery of Buyup products
- Review Products

Quarter 3 and Quarter 4 FY 2024

- Distribute final buyup products for consumption on RIGIS Clearinghouse
- Review, document, and publish LiDAR data products as they become available

Product/ Deliverables

- Digital Surface Model
- Hydro Enforcement and hydro-enforced digital elevation model (DEM)
- 2D buildings footprints (auto generated, some highly urbanized), Class 6 in .las data
- Additional vegetation and building classes
- 5 Foot elevation contours

Project Description: Light Detection and Ranging, Lidar, is a remote sensing method that uses light in the form of a pulsed laser to measure ranges (variable distances) to the Earth. These light pulses—combined with other data recorded by the airborne system generate precise, three-dimensional information about the shape of the Earth and its surface characteristics. Data specialists can compile the data collected by a LIDAR system and use it to create exceptionally precise three-dimensional information about a specific area and its characteristics. LIDAR is an ideal system for transportation and land use planning and is useful to civil engineers for designing roadworks.

The USGS and NRCS have collaborated to acquire high-resolution digital elevation data developed from airborne LIDAR for an area of approximately 1,246 square miles covering Rhode Island. The project will result in various products including high accuracy classified bare earth lidar data in LAS format as well as raster DEM for use in a variety of transportation and land use planning efforts including but not limited to, coastal management and resiliency, dam safety assessments, engineering design and design reviews, economic development, conservation planning, facility siting, suitability analysis, research, floodplain mapping, vulnerability assessment, and hydrologic modeling. The LIDAR products will be paid through partnerships with other state/local partners as provided through Joint Funding Agreement executed between USGS, RIDSP Providence Water Supply Board (PWSB) and RIDOT.

Project Cost (other than staff time): \$89,950 (FHWA \$13,000; FTA \$3,000; RIDOT \$69,950, PWSB \$4,000, RIDSP \$0)

Activity 9 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 9 (salary and operating)	\$92,834	\$301,709	\$69,625	\$0	\$464,168
Project 9.1* (Vehicle Probe Dataset) (*includes Project 6.2)	\$54,400	\$93,600	\$188,800	\$464,000	\$899,042
Project 9.2 (TDM)	\$40,869	\$101,561	\$25,390	\$240,869	\$408,689
Project 9.4 (RIGIS)	\$0	\$41,250	\$18,750	\$15,000	\$75,000
Project 9.5 Municipal Transportation and Land Use Planning Education	\$28,000	\$91,000	\$21,000	\$0	\$140,000
Project 9.6 ESRI Enterprise Agreement with RIDOT	\$12,000	\$39,000	\$9,000	\$0	\$60,000
Project 9.7 LIDAR	\$0	\$13,000	\$3,000	\$73,950	\$89,950
Total	\$228,103	\$788,320	\$228,365	\$897,061	\$,2,136,849

Activity 10 – Public Information and Outreach

Objective: Maintain and expand public outreach and participation feedback engagement processes. Make available an array of transportation and land use planning related information. Promote public participation in planning processes by providing timely and user-friendly information to the public This Activity will be closely coordinated with Activity 11 – Title VI Compliance and Environmental Justice.

Ongoing Tasks

- a. Conduct public events, including forums, workshops, listening sessions, and meetings on transportation and land use planning related issues that outreach to all segments of the community.
- b. Maintain and enhance the MPO website and create web pages for major activities as needed. Increase the use of data visualizations on the RIDSP website, improving the ability to communicate with users via map and enhanced graphical charts and tables.
- c. Work within RIDSP and with other state agencies to determine strategies and outreach opportunities for public comment and education on transportation and land use related planning efforts (e.g., SmartComment, social media, and other forms of information delivery, virtual or in person).
- d. Publish and send an e-newsletter ten times per year to interested stakeholders as a means of publicizing federal, State, and local opportunities for funding, networking, and educational opportunities in transportation, land use, climate change, and other relevant planning topics.
- e. Manage the State’s planning archives, including a multi-year inventory of aerial photography, and provide controlled loan access to public and private organizations and individuals for duplication. Maintain the RIDSP electronic and paper copy archives of publications, including the upkeep and inventory of the RIDSP library.
- f. Maintain and work to expand the MPO existing database of over 1,400 contacts that are notified for updates or amendments to transportation plans including the STIP, LRTP, etc. Update the contact database with the most up-to-date roster of state and local elected officials, city and town council representatives, community and special interest groups, stakeholders, and pertinent State and municipal agency contacts.

Special Tasks

- g. Public Participation Plan Limited Update: Finalize the limited update of the MPO Public Participation Plan initiated in FY 2023. In FY 2024, the MPO will seek feedback and approval from the TAC and SPC to formalize the update of the PPP.

Project Cost (Other than staff time): none this FY.

Activity 10 – Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 10 (salary and operating)	\$38,026	\$133,092	\$19,013	\$0	\$190,131

Activity 11 – Title VI Compliance and Environmental Justice

Objective: To ensure accessible participation and prevent discrimination in the MPO planning processes so that all residents of the State are treated fairly. Ensure that all provisions of Title VI of the Civil Rights Act of 1964 are implemented. To ensure Environmental Justice – meaning no group of people, including any racial, ethnic, or socioeconomic group bears a disproportionate share of the negative environmental consequences resulting from federal, state, local, or tribal policies and are equitably served by the actions, plans, programs, and projects of the MPO.

Ongoing Tasks

- a. Title VI
 - Review contracts, MOUs, public meeting notices, public hearing notices, plans, and procedures for compliance with Title VI of the Civil Rights Act of 1964, including the completion of all required Title VI forms.
 - Ensure compliance with Title VI reporting requirements for complaints, investigations, and lawsuits.
 - Prepare an annual (federal fiscal year) *Title VI Report and Implementation Plan* (due to RIDOT in November of every year).
 - Assist RIDOT and RIPTA in Title VI program monitoring through data collection and analysis of levels of transit services as well as the provision of mapping and demographic data as needed.
 - Support RIDOT and RIPTA in conducting required Title VI service and fare equity analyses for major service changes. This may include coordinating directly with Connecticut Transit Public Service regarding any major Massachusetts Bay Transit Authority commuter rail service or fare changes that impact Rhode Island’s service and documenting work on service equity analysis and coordination with CTPS.
 - Assess the adequacy of the collection, accuracy, and analysis of demographic data for the Transportation Equity Benefit Analysis and Environmental Justice purposes; revise as needed to improve and maintain consistency in data collection and analysis when considering all groups under Title VI and other civil rights laws.
 - Work to expand evaluation efforts related to the *Public Participation Plan* within the annual [Title VI Report and Implementation Plan](#).
- b. Solicit and summarize demographic information on public participants at public meetings and hearings.
- c. Maintain and implement the MPO [Public Participation Plan](#).
- d. Maintain and implement the RIDSP [Limited English Proficiency Plan](#).
- e. Monitor and report Disadvantage Business Enterprise (DBE) information for all U.S. DOT funded contracts and cooperative agreements entered into by Statewide Planning and its sub-recipients (DBE reporting to RIDOT due on November 1 and May 1 of every year).
- f. Monitor and respond to requests for translation of key Statewide Planning documents, public workshops and hearings, and public hearing notices and materials. Provide for interpreter services as requested.
- g. Increase the number of ongoing relationships with community groups in Environmental Justice areas, groups representing people protected by nondiscrimination regulations and other traditionally underserved populations.
- h. Monitor Federal Environmental Justice guidance (i.e., updated Executive Order 12898, the Justice40 Initiative, and the Climate and Economic Justice Screening Tool).

Special Tasks

- i. Transportation Equity Analysis Platform: Develop a social equity platform to better align social equity policies, decisions, and outcomes in the transportation planning process as detailed in the Justice 40 federal initiative. This work will include the development of a model to advance equity in transportation for underserved and marginalized groups, including a variety of indicators such as low-income and communities of color. This social equity platform would significantly revamp and expand the transportation equity methodology RIDSP currently uses to evaluate transportation investments, including in the STIP and LRTP. This project will review other DOT and MPO social equity analysis methodologies and tools to develop a set of best practices that can be implemented and deployed in Rhode Island to advance transportation investments to disadvantaged communities. The work will seek stakeholder and working group feedback on the methodologies and tools to advance transportation equity in the transportation planning process. Deployment can include but is not limited

to the development of Social Equity Performance measures for the STIP, a social equity online dashboard to track and monitor performance towards the equity goals, and an Equity Index Analysis that can be integrated into the E-STIP's SWIFT project intake application. These items under the Equity Platform will better inform planners and decision makers in a quantitative way and help to protect these identified communities, as well as implement plans that deliver projects better suited to these areas. The outcome of this work will be a set of recommendations, actions, and methodology for equity analysis for the social equity platform that can be deployed to the MPO transportation planning process. This task will involve staff from other groups within RIDSP as well as other state agencies including but not limited to RIDEM, RIDOH, and RIDOT to ensure that equity and social justice considerations are integrated into all outreach and project development platforms.

Schedule for Completion of Transportation Equity Analysis Platform:
 Quarter 1 and Quarter 2 FY2024

- Determine how platform will function.
- Begin SWIFT integration discussion to frame the platform output (ongoing)
- Begin development of social equity performance measures.
- Continue GIS working group meetings, internal meetings, and bi-monthly meetings of the Social Equity Platform Task Force.

Quarter 3 and 4 FY2024

- Finalize methodology for new State of Rhode Island Social Equity Analysis Platform and next steps for integration into the E-STIP SWIFT

- j. ADA Assessment: Coordinate with RIDOT and engage municipalities in an assessment of municipal compliance with the ADA. These municipal ADA Assessments are meant to gauge whether or not municipalities are in compliance with RIDOT Section 504 Regulations in 49 CFR Part 27 and if they are not, provide assistance, training or resources needed to incrementally move municipalities closer to compliance. According to the ADA Title II, all State and local governmental agencies shall provide access to its facilities, programs, and services for persons with disabilities. As part of the ADA regulation requirement, a self-evaluation shall be conducted to ensure local governments identify the facilities, programs, and services that need modification or relocation to provide access and equal opportunities for people with disabilities within their jurisdiction. For state and local governments that employ 50 or more individuals an ADA Transition Plan is required and must be in place for recipients of U.S. Department of Transportation financial assistance (Section 504 regulations in 49 CFR Part 27).

Activity 11 – Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 11 (salary and operating)	\$30,323	\$90,969	\$3,323	\$0	\$151,615

Activity 12 – Climate Change Resiliency, Adaptation, and Mitigation

Objective: To identify transportation-related infrastructure including roads, bridges, and ports, as well as natural resources, threatened by climate change to identify strategies and actions for promoting adaptation and mitigation in order to strengthen resilience to the effects and long-term costs of climate change; identify transportation system vulnerabilities to climate change impacts and evaluate potential solutions; to determine ways to integrate resiliency, adaptation, and mitigation into a wide range of state plans and projects; to work through regional initiatives where possible; and to collect and analyze data regarding patterns of climate change and associated issues, concerns, costs, and necessary regulatory and statutory changes.

Ongoing Tasks

- a. Work on projects that focus resources and attention on developing policies and strategies for adapting to predicted climate change impacts and increasing resiliency.
- b. Participate on the Governor’s Executive Climate Change Coordinating Council (EC4).
- c. Assist in the implementation of [Resilient Rhody: An Actionable Vision for Addressing the Impacts of Climate Change in Rhode Island](#).
- d. Partner with the Rhode Island Infrastructure Bank (RIIB) on municipal climate change, resiliency, and vulnerability planning initiatives.
- e. Provide technical assistance upon request on climate change impacts to transportation and land use planning and resiliency from other state agencies, and other local, regional, and state agencies or offices.
- f. Work with other organizations within and outside of Rhode Island to leverage data, knowledge, and funding and develop plans that meet state resiliency, adaptation, and mitigation needs.

Special Tasks

- a. Assist the Office of Energy Resources and the RIDEM with the implementation of [2022 Climate Update](#), which serves as the update to the [Rhode Island Greenhouse Gas Emissions Reduction Plan](#) (December 2016).
- b. Assist the Office of Energy Resources, the RIDEM, and the EC4 with the implementation of the [2021 Act on Climate](#), which sets mandatory, enforceable climate emissions reduction goals to achieve net-zero emissions economy-wide by 2050 and serve on the RI 2025 Climate Action Plan/ EPA Priority Climate Action Plan Project Team.
 - a. Collaborate with OER, DEM, RIPTA, DOT to develop 2025 Climate Action Plan RFP.
 - b. Serve on Selection Committee.
 - c. Serve on RI 2025 Climate Action Plan Project Team to provide input and guide the development of the Plan.
- a. Participate in the Ocean State Clean Cities Coalition Partnership to support the development of refueling, service and/or maintenance facilities for alternative fuel vehicles in the Ocean State

Projects

Project 12.1 -Community Resilience and Planning

Project Agency Lead: RIDSP

Partner Agencies: RIIB, RI municipalities

Contact: Roberta Groch

Schedule for Implementation: ongoing annual project

Products / Deliverables:

- Plans, data, goals, and implementation steps in support of municipal resilience planning, in conjunction with the Rhode Island Infrastructure Bank (RIIB) and other public and private entities.

Project Description: This project offers funding to municipalities that wish to assess their vulnerability to and prepare for climate change impacts while building community resilience. The plan will examine the impacts of increasing temperatures, more frequent (and stronger) severe weather events, drought, and sea level rise on a municipality’s residents (including vulnerable populations), economy, housing, community assets, agriculture and fishing grounds, infrastructure, and natural resources in a holistic manner. This project is targeted at addressing infrastructure needs, particularly roads, bridges, and culverts, along with core local systems relying on various modes of transportation. More than half of Rhode Island communities have only a single planner and do not have the capacity to develop resilience plans that address all of the systems in a local community.

Project Cost (Other than staff time): \$75,000 (RIDSP\$15,000; FHWA \$37,500; FTA \$22,500)

Activity 12 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 12 (salary and operating)	\$31,574	\$94,722	\$31,574	\$0	\$157,870
Project 12.1 (Resilience)	\$15,000	\$37,500	\$22,500	\$0	\$75,000
Total	\$46,574	\$132,222	\$54,074	\$0	\$232,870

Activity 13 – Support to Other State Agencies and Municipalities

Objective: To ensure that residents and businesses have convenient housing, working and transportation options that are coordinated with opportunities such as access to good jobs, affordable housing, and quality schools. Ensure equity, environmental justice, environmental sustainability, and resilience by providing technical assistance and training to state, local, and other agencies in support of the SGP, and state mandates.

Ongoing Tasks

- a. Provide training, information, technical assistance, and where possible, financial assistance to state agencies, and other parties on issues affecting transportation and land use planning.
- b. Respond to requests for technical assistance and planning guidance from local governments, the general public, and other interested parties.

Special Tasks

- a. State Facility Planning: Provide technical planning advise to the Department of Administration Division of Capitol Assets Management and Maintenance (DCAMM) for master planning efforts concerning capital projects for the use and or redevelopment of state-owned land and facilities.

Projects

Project 13.1: Local Active Transportation Technical Enhancements

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, Town of Warren, Town of Bristol, Town of Barrington

Contact: Roberta Groch

Schedule for Implementation:

Quarter 1

- Continue working with consultants and Towns of Warren, Bristol and Barrington on Route 114 Plan stakeholder engagement.
- Finalize sea level rise and storm scenarios for Route 114 Plan.
- Issue Request for Proposals (RFP) for new project
- Create RFP review committee.

Quarter 2

- Continue work with consultants and Towns on Route 114 Plan stakeholder engagement, and plan and tasks.
- Review responses to RFPs for additional project, score and move forward on awarding contract to chosen consultant.

Quarter 3

- Finalize draft Route 114 plan.
- Present s draft final Route 114 Plan to Town Councils.
- Begin working with consultants and staff from Newport and Lincoln on their respective projects, including data gathering, defining context, and drafting of a public participation plan.

Quarter 4

- Begin working with consultants and staff from chosen municipality on new assistance project, including data gathering, defining context, and drafting of a public participation plan. Complete work with consultants and staff from Towns on Route 114 final Plan and implementation strategies.
- Present Route 114 Plan to public.
- Present Route 114 plan to Transportation Advisory Committee and State Planning Council.

Products / Deliverables:

- Conceptual plans and/or solutions to transportation issues that affect municipal economic development and climate resiliency efforts.

Project Description: This project enables municipalities to access planning, transportation, and design expertise to identify transportation system vulnerabilities to climate change impacts and evaluate potential solutions, define multimodal transportation problems such as traffic control, intermodal connectivity and access, safety, parking, or other issue(s); explore alternatives; and create conceptual plans to support economic development and climate resiliency efforts in their communities. This project funds consultant services for providing data, assessment, and analysis to help Statewide Planning and the Towns of Barrington, Bristol, and Warren to develop a resilience plan for Route 114. RIDSP will contract with planning, transportation, and design consultants for technical review/evaluation of the problem and drafting a plan for the chosen project. In addition, RIDSP will rely on and coordinate with local municipal officials to schedule meetings with staff and relevant stakeholders. The technical assistance team, in collaboration with the municipality, will develop a report with concept renderings that defines and evaluates alternatives and next steps for the municipality, and may provide the foundation for a STIP project application. Upon completion and subject to available staff and funding, RIDSP will also issue a new solicitation to RI municipalities for a new local transportation planning project.

Project Cost (other than staff time): \$395,900 (\$226,000 FHWA; \$91,000 FTA; \$78,900 municipal match)

Activity 13 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 13 (salary and operating)	\$22,231	\$44,461	\$7,410	\$0	74,102
Project 13.1 Local Active Transportation Technical Enhancement	\$0	\$226,000	\$91,000	\$78,900	\$395,900
Total	\$22,231	\$270,461	\$98,410	\$78,900	\$470,002

Activity 14 – Special Projects and Activities Not Federally Funded

Objective: Provide planning support to projects and opportunities on topics of state concern that are not eligible for federal FHWA funding.

Ongoing Tasks

- a. Respond to internal, executive, or legislative requests as they arise.
- b. Provide technical planning advise to the Rhode Island Housing agency for planning efforts concerning the Municipal Technical Assistance Program which addresses the need for safe and affordable housing for all Rhode Islanders.

	RIDSP	FHWA	FTA	Other	Total
Activity 14 (salary and operating)	\$0	\$0	\$0	\$0	\$0

Activity 15 – Energy Facility Siting Board Review

Objective: Provide the Energy Facilities Siting Board (EFSB) with advisory opinions on proposed projects including power plants, substations, power lines, storage and transport facilities, and other structures subject to the Board’s review so that projects can be designed to maximize consistency with the SGP. The Associate Director serves, by statute, as a member of the EFSB. Staff time spent on reviews is reimbursed by the Board.

Ongoing Tasks

- a. Review of applications for energy facilities as required by the Energy Facility Siting Act (Rhode Island General Law [42-98](#)) as needed.

	RIDSP	FHWA	FTA	Other	Total
Activity 15 (salary and operating)	\$0	\$0	\$0	\$17,696	\$17,696

Activity 16 – State Data Center

Objective: As the Governor’s designated State Data Center – which is a partnership between each U.S. State and the Census Bureau – RIDSP makes census data available locally. Staff also manages the State’s historic aerial photograph collection and the RIDSP map and document archives. This includes gathering, integrating, and providing demographic, economic, and social statistics for research, planning, and decision-making, and providing analysis, mapping, modeling to RIDSP staff, RI municipalities, state agencies, and other interested parties.

Ongoing Tasks

- a. Continue to partner with the U.S. Census Bureau to provide data users with understandable, accurate, and timely information. Create visualizations for the RIDSP website and a network of other partners in State agencies, universities, libraries, and regional and local governments.
- b. Compile datasets required annually (e.g., Vital Statistics Report; Boundary and Annexation Survey; State Data Center Report; Group Quarters Survey).
- c. Develop and participate in training for Census-related data use, modeling, technology updates, etc.
- d. Develop data briefs and information on Census data analysis.

Special Tasks

- a. Municipal Monograph Series: Develop city and town monographs using 2020 Decennial Census Data, including Demographics & Housing Characteristics data.
- b. Update the Urban Areas Map based upon new data from the 2020 Census.

Projects

Project 16.1: Population Projections

Project Lead: RIDSP

Partners:

Contact: Vincent Flood

Schedule for Completion:

Quarter 1 FY2024

- Prepare RFP for consultation services
- Review bids and award contract

Quarter 2 and Quarter3 FY2024

- Collect census data and vital statistics from RIDOH
- Perform cohort component method using data collected and steps outlined in Scope of Work

Quarter 4 FY2024

- Solicit feedback from agencies and municipalities on draft projections and act upon feedback and comments
- Publish projections as a Technical Paper and on RIDSP website

Deliverables:

- Technical Paper with forecasts for statewide and municipal populations for all 39 cities and towns.

Project Overview: Population projections assist planners with assessing future-built environment and natural resource needs, including land use demands, economic development, transportation options, appropriate housing, and sufficient water supply. Projections also are useful to social service agencies, libraries, school districts, developers, and entrepreneurs. This data will be a key product for future long-range planning efforts, including updates to Land Use 2025, the LRTP, and the Rhode Island Statewide Model. Other agencies involved in transportation and land use planning will also benefit from this data. The statewide population will use the cohort-component model and then use those projections to guide the local projections. Cities and towns will be asked for input on the forecasts as part of an outreach process.

Project Cost: (other than staff time): \$50,000 (\$32,500 FHWA; \$7,500 FTA; \$10,000 RIDSP)

Activity 16 – Activities and Projects Funding

	RIDSP	FHWA	FTA	Other	Total
Activity 16 (salary and operating)	\$33,407	\$83,517	\$50,110	\$0	\$167,034
Project 16.1 Population Projections	\$10,000	\$32,500	\$7,500	\$0	\$50,000
Total	\$43,407	\$116,017	\$57,610	\$0	\$217,034

FY 2024 Projects List

18 Projects: 12 Continuing and 6 New

- 2.1 E - STIP Software Improvements (continuing)
- 4.1 High-Capacity Transit Project Development (continuing)
- 4.2 Transit Surveys & Data Acquisition (continuing)
- 6.1 Complete Streets Plan/Design Guidelines (continuing)
- 6.2 State Bicycle Counting Data (continuing)
- 6.3 State Guide Plan 611, *RI Moving Forward*, Long Range Transportation Plan (new)
- 7.4 State Guide Plan 121: *Land Use 2050*: Rhode Island's Plan for Land Use and Transportation (continuing)
- 7.5 State Guide Plan 152: *Ocean State Outdoors*: Rhode Island State Outdoor Recreation Plan (SCORP)(new)
- 7.6 State Guide Plan 171: *Solid Waste 2038*, Rhode Island Comprehensive Solid Waste Management Plan (new)
- 9.1 Vehicle Probe Dataset and Eastern Transportation Coalition (continuing)
- 9.2 Transportation, Air and Greenhouse Gas Modeling/Data (continuing)
- 9.4 Environmental Data Center Partnership (continuing)
- 9.5 Municipal Transportation and Land Use Planning Education (continuing)
- 9.6 ESRI Enterprise Agreement (new)
- 9.7 LIDAR (new)
- 12.1 Community Resilience Planning (continuing)
- 13.1 Local Active Transportation Technical Enhancement (continuing)
- 16.1 Population Projections (new)

Section III: Resources

Staff Support

The following is a list of current staff within the Rhode Island Department of Administration Division of Statewide Planning that is responsible for supporting the MPO and implementing this work program:

Associate Director	Meredith Brady
Transportation Team	
Assistant Chief	Mason Perrone
Principal Planner	Benny Bergantino
Principal Planner	Roberto Echevarria
Supervising Planner	Liza Farr
Supervising Planner	Vacant
Senior Planner	Vacant
Community Coordination	
Assistant Chief	Roberta Groch
Principal Planner	Caitlin Greeley
Supervising Planner	Joshua O'Neil
Land Use & Education Team	
Interdepartmental Project Manager	Nancy Hess
Principal Planner	Paul Gonsalves
Data & Administration Team	
Data Staff	
Data Analyst II	Vincent Flood
Data Analyst I	Christina Delage Baza
Supervising GIS Specialist	Garth HoxsieQuinn
Principal Research Technician	Benjamin Jacobs
Principal Planner	Vacant
Administrative Staff	
Assistant Administrator Financial Management	Paul Capotosto
Chief Implementation Aide	Lori Cassin
Internet Communications Specialist	Kim Gelfuso
Chief Implementation Aide*	Maria Mignanelli
Water Resources Board	
Acting General Manager	Kathleen Crawley
Data Analyst I	Vacant
Programming Services Officer	Vacant
Programming Services Officer	Vacant

* (Half time DSP Administration Team and Half time Water Resources Board)

Available Federal Funding

The following are estimates of federal funds assumed to be available in FY 2024 to support the work program. In most cases, a state match is required. Expenditures of these funds by activity and project and their associated matches are presented in the tables at the end of this Section..

Federal Highway Administration Metropolitan Planning (PL) funds: \$ 3,253,982*

* Includes projected balance (as of July 1, 2023) of remaining FFY 2023 grant amounts and anticipated FFY 2024 grant amounts.

Federal Transit Administration Metropolitan Planning (5303) funds: \$ 1,589,928**

** Includes projected balance (as of July 1, 2023) of remaining FFY 2023 grant amounts and anticipated FFY 2024 grant amounts.

Available Funds

FHWA				FTA			
Available Funds FY 24 UPWP		\$3,253,982		Available Funds FY 24 UPWP		\$1,589,928	
Current FY 24 Funding Amount		\$2,388,564		Current FY 24 Funding Amount		\$728,996	
Carryover Funds		\$865,418		Carryover Funds		\$860,932	

Available Funds vs. Costs

FHWA				FTA			
Available Funds FY 24 UPWP		\$3,253,982		Available Funds FY 24 UPWP		\$1,589,928	
FY 24 UPWP Total FHWA Budgeted Costs		\$3,101,155		FY 24 UPWP Total FTA Budgeted Costs		\$1,094,264	
Variance		\$152,827		Variance		\$495,664	

TABLE 5.1 FY 2024 ACTIVITY AND PROJECT FUNDING SOURCES BY PERCENTAGE

ACTIVITY AREA	PERSONNEL AND OPERATING	Total	FUNDING SOURCES							
			RISP	FHWA	FTA	RIDOT	RIPTA	URI	EFSB	OTHER
Activity 1	Management and Administration	100%	20%	50%	30%					
Activity 2	State Transportation Improvement Program	100%	20%	80%	20%					
Activity 3	State/Regional Transportation Operations, Management, and Planning Coord.	100%	20%	60%	20%					
Activity 4	Transit Planning	100%	20%	20%	60%					
Activity 5	Freight Planning Implementation	100%	20%	50%	30%					
Activity 6	Transportation Planning, Bicycle and Pedestrian Mobility	100%	20%	70%	10%					
Activity 7	Long Range Land Use and Transportation Planning	100%	20%	65%	15%					
Activity 8	Intergovernmental Coordination	100%	40%	50%	10%					
Activity 9	Planning Information and Education	100%	20%	65%	15%					
Activity 10	Public Information and Outreach	100%	20%	70%	10%					
Activity 11	Title VI and Environmental Justice	100%	20%	60%	20%					
Activity 12	Climate Change, Resiliency, Adaptation and Mitigation	100%	20%	60%	20%					
Activity 13	Support to Other State Agencies and Municipalities	100%	30%	60%	10%					
Activity 14	Special Projects and Activities Not Federally Funded	100%	100%							
Activity 15	Energy Facility Siting Board	100%							100%	
Activity 16	Census and Data	100%	20%	50%	30%					
ICAP	ICAP	100%	22%	58%	20%					
PROJECT	CONTRACTUAL AND PASS THRU GRANTS	Total	RISP	FHWA	FTA	RIDOT	RIPTA	URI	EFSB	OTHER
2.1	E - STIP Software Improvements (continuing)	100%	11%	34%	8%	47%				
4.1	High Capacity Transit Project Development (continuing)	100%			80%		20%			
6.1	Complete Streets Plan (continuing)	100%	9%	37%		43%				11%
7.4	State Guide Plan: Land Use 2050: RI's Plan For Land Use and Transportation (continuing)	100%	20%	65%	15%					
9.1	Vehicle Probe Dataset and Eastern Transportation Coalition (continuing)	100%	6%	22%	9%	21%				42%
9.2	Transportation, Air and Greenhouse Gas Modeling (continuing)	100%	10%	25%	6%	59%				
9.4	Environmental Data Center Partnership (continuing)	100%		55%	25%			20%		
9.5	Municipal Transportation and Land Use Planning Education (continuing)	100%	20%	65%	15%					
9.6	ESRI Enterprise Agreement with RIDOT(new)	100%	20%	65%	15%					
9.7	LIDAR (new)	100%		14%	3%	78%				4%
12.1	Community Resilience Planning (continuing)	100%	20%	50%	30%					
13.1	Local Active Transportation Technical Enhancement (continuing)	100%		57%	23%					20%
16.1	Population Projections (new)	100%	20%	65%	15%					

		Management and Adm	TIP	Transportation Operatic	Transit Planning	Freight Planning	LRT, Bicycle and Pedes	Long Range Land Use I	Regovernmental Court	Planning Information &	Public Information, Outr	Tele V and Environment	Climate Change, Resili	Support to Other Agenc	Special Projects/Activiti	EPSS	Census and Data	Paid Leave
	FY 2024 TIME DISTRIBUTION (HOURS)																	
	TOTAL	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6	Activity 7	Activity 8	Activity 9	Activity 10	Activity 11	Activity 12	Activity 13	Activity 14	Activity 15	Activity 16	ICAP
MEREDITH BRADY	1820	900	50	55	30	20	30	80	35	35	35	20	70				120	280
MASON PERRONE	1820	120	520	200	30	80	310			30		200	50					280
LIZA FARR	1820	100	400	200	30	20	520	40	90	20	20	50	50					280
VACANT - SPVR PLANNER (TRANSPORTATION)	1820	50	500	160	30	10	340		10	10	200	200	30					280
BENNY BERGANTINO	1820	100	70	80	19		200	40	100		200	740						280
ROBERTO ECHEVARRIA	1820	100	250	300	30	20	400	40	20	20	100	200	60					280
VACANT - SENIOR PLANNER (TRANSPORTATION)	1820	40	200	120	40	10	560	10		280	190	50	40					280
NANCY HESS	1820	350		150			100	420		430			35				35	300
PAUL GONSALVES	1820	110		70			100	770	35	350			70				35	280
ROBERTA GROCH	1820	300		50			25	50	150		130	50	285	400		100		280
JOSHUA ONEILL	1820	200		35		300	30		700					255		20		280
CAITLIN GREELEY	1820	50		50			50	120	100			75	955	60		80		280
WIN FLOOD	1820	100						75		345	30	70	70				850	280
CHRISTINA DELAGEBAZA	1820	120	600				70			645		35	35				35	280
BEN JACOBS	1820	35	35		70	70	70	80		950		70	80				100	280
GARTH HOXSIE-QUINN	1820	140								1330							70	280
VACANT - PRINCIPAL PLANNER (DATATEAM)	1820	70.0								1170							300	280
VACANT - SENIOR PLANNER (DATA TEAM)	1820	35								1300							205	280
PAUL CAPOTOSTO	1820	1340										50					150	280
KIM GELFUSO	1820	100									1370						50	300
LORI CASSIN	1820	1540																280
MARIA MIGNANELLI	1820	1540																280
TOM DEFAZIO	270	270																
TOTAL HOURS	40,310	7,716	2,825	1,470	270	530	2,736	1,775	1,240	6,915	2,275	1,810	1,830	775	0	200	1,950	8,200

TABLE 5.3 FY 2024 PROJECTED COSTS BY ACTIVITIES AND FUNDING SOURCES

ACTIVITY	PERSONNEL AND OPERATING	TOTAL	RISP	FHWA	FTA	RIDOT	RIPTA	URI	EFSB	OTHER	
Activity 1	Management and Administration	\$ 686,726	\$ 137,345	\$ 343,363	\$ 206,018						
Activity 2	State Transportation Improvement Program	\$ 269,556	\$ 53,911	\$ 161,734	\$ 53,911						
Activity 3	State/Regional Transportation Operations, Management, and Planning Coord.	\$ 139,459	\$ 27,892	\$ 83,675	\$ 27,892						
Activity 4	Transit Planning	\$ 21,530	\$ 4,306	\$ 4,306	\$ 12,918						
Activity 5	Freight Planning Implementation	\$ 46,773	\$ 9,355	\$ 23,386	\$ 14,032						
Activity 6	Transportation Planning, Bicycle and Pedestrian Mobility	\$ 256,657	\$ 51,331	\$ 179,660	\$ 25,666						
Activity 7	Long Range Land Use and Transportation Planning	\$ 168,246	\$ 33,649	\$ 109,360	\$ 25,237						
Activity 8	Intergovernmental Coordination	\$ 106,852	\$ 42,741	\$ 53,426	\$ 10,685						
Activity 9	Planning Information and Education	\$ 464,168	\$ 92,834	\$ 301,709	\$ 69,625						
Activity 10	Public Information and Outreach	\$ 190,131	\$ 38,026	\$ 133,092	\$ 19,013						
Activity 11	Title VI and Environmental Justice	\$ 151,615	\$ 30,323	\$ 90,969	\$ 30,323						
Activity 12	Climate Change, Resiliency, Adaptation and Mitigation	\$ 157,870	\$ 31,574	\$ 94,722	\$ 31,574						
Activity 13	Support to Other State Agencies and Municipalities	\$ 74,102	\$ 22,231	\$ 44,461	\$ 7,410						
Activity 14	Special Projects and Activities Not Federally Funded	\$ -									
Activity 15	Energy Facility Siting Board	\$ 17,696							\$ 17,696		
Activity 16	Census and Data	\$ 167,034	\$ 33,407	\$ 83,517	\$ 50,110						
ICAP	ICAP	\$ 528,526	\$ 116,276	\$ 306,545	\$ 105,705						
		Sub Total	\$ 3,446,941	\$ 725,201	\$ 2,013,925	\$ 690,119			\$ 17,696		
PROJECTS	CONTRACTUAL AND PASS THRU GRANTS	TOTAL	RISP	FHWA	FTA	RIDOT	RIPTA	URI	EFSB	OTHER	
2.1	E - STIP Software Improvements (continuing)	\$ 319,724	\$ 33,945	\$ 108,624	\$ 27,155	\$ 150,000					
4.1	High Capacity Transit Project Development (continuing)	\$ 100,000			\$ 80,000		\$ 20,000				
6.1	Complete Streets Plan (continuing)	\$ 328,556	\$ 30,311	\$ 121,245		\$ 140,000				\$ 35,000	
7.4	State Guide Plan: Land Use 2050: RI's Plan For Land Use and Transportation (continuing)	\$ 115,000	\$ 23,000	\$ 74,750	\$ 17,250						
9.1	Vehicle Probe Dataset and Eastern Transportation Coalition (continuing)	\$ 899,042	\$ 54,400	\$ 200,800	\$ 81,600	\$ 186,066				\$ 376,176	
9.2	Transportation, Air and Greenhouse Gas Modeling (continuing)	\$ 408,889	\$ 40,889	\$ 101,561	\$ 25,390	\$ 240,869					
9.4	Environmental Data Center Partnership (continuing)	\$ 75,000		\$ 41,250	\$ 18,750			\$ 15,000			
9.5	Municipal Transportation and Land Use Planning Education (continuing)	\$ 140,000	\$ 28,000	\$ 91,000	\$ 21,000						
9.6	ESRI Enterprise Agreement with RIDOT(new)	\$ 60,000	\$ 12,000	\$ 39,000	\$ 9,000						
9.7	LIDAR (new)	\$ 89,950		\$ 13,000	\$ 3,000	\$ 69,950				\$ 4,000	
12.1	Community Resilience Planning (continuing)	\$ 75,000	\$ 15,000	\$ 37,500	\$ 22,500						
13.1	Local Active Transportation Technical Enhancement (continuing)	\$ 395,900		\$ 226,000	\$ 91,000					\$ 78,900	
16.1	Population Projections (new)	\$ 50,000	\$ 10,000	\$ 32,500	\$ 7,500						
		Sub Total	\$ 3,054,861	\$ 247,525	\$ 1,087,230	\$ 404,145	\$ 786,885	\$ 20,000	\$ 15,000	\$ -	\$ 494,076
	TOTAL		\$ 6,501,802	\$ 972,726	\$ 3,101,155	\$ 1,094,264	\$ 786,885	\$ 20,000	\$ 15,000	\$ 17,696	\$ 494,076

Notes: 1) Continuing items include any balance remaining on existing contracts as of 5/17/23 2) RISP - RI Statewide Planning 3) FHWA - Federal Highway Administration 4) FTA - Federal Transit Administration
5) RIDOT - RI Department of Transportation 6) RIPTA - RI Public Transit Authority 7) CDBG 8) URI EDC University of RI Data Center 9) EFSB - Energy Facility Siting Board 10) Other - Other Participant Match Contributions

Frequently Used Acronyms of the UPWP

CRMC = Coastal Resources Management Council
EFSB = Energy Facility Siting Board
FFY = Federal Fiscal Year (October 1 – September 30)
FHWA = Federal Highway Administration
FRA = Federal Railroad Administration
FTA = Federal Transit Administration
FY = Fiscal Year (State Fiscal Year: July 1 – June 30)
LRTP = State Guide Plan 611, *RI Moving Forward 20240*, Long-Range Transportation Plan
MPO = Metropolitan Planning Organization
MBTA = Massachusetts Bay Transit Authority
RIDEM = Rhode Island Department of Environmental Management
RIDOH = Rhode Island Department of Health
RIDOT = Rhode Island Department of Transportation
RIEMA = Rhode Island Emergency Management Agency
RIGIS = Rhode Island Geographic Information System
RIIB = Rhode Island Infrastructure Bank
RIPTA = Rhode Island Public Transit Authority
RIDSP = Rhode Island Division of Statewide Planning (Department of Administration)
SGP = State Guide Plan
SPC = State Planning Council
STIP = State Transportation Improvement Program (also see “TIP”)
TAC = Transportation Advisory Committee
TAP = Transportation Alternative Program
TETC = The Eastern Transportation Coalition
TIP = Transportation Improvement Program (also see “STIP”)
UPWP = Unified Planning Work Program
USDOT = United States Department of Transportation
USGS = United State Geological Service
WRB = Water Resources Board

Appendices

Appendix A, Indirect Cost Allocation Plan

Appendix B, Certificate of Cost Allocation Plan

Appendix C, MPO Self-Certification

Appendix D, RIPTA Work Program

Appendix E, RIDOT Work Program

Appendix A

Indirect Cost Allocation Plan

Purpose of this Document

This Indirect Cost Allocation Plan (ICAP) is prepared to satisfy the requirements of Title 2, Grants and Agreements, Part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards of the Code of Federal Regulations.

Introduction

The Rhode Island Department of Transportation (RIDOT) is the designated recipient of all FHWA funds for the State of Rhode Island. The Rhode Island Public Transit Authority is the designated recipient for all FTA funds for the State of Rhode Island with the exception of:

- Section 5303, Metropolitan Planning Program funds.
- Section 5304, Statewide Transportation Planning funds (which are apportioned to the Metropolitan Planning Program).
- Section 5307, Urbanized Area Formula funds, and
- Section 5309, Capital Investment Grants for rail which are apportioned to RIDOT.

FTA Section 5303 and 5304 funds are transferred to FHWA and then to RIDOT through a consolidated planning grant. The Rhode Island Department of Administration, Division of Statewide Planning (RIDSP) is the designated sub-recipient to RIDOT for all Metropolitan Planning Funds from the United States Department of Transportation (USDOT). As the pass-through entity of USDOT Metropolitan Planning Funds, RIDOT is the monitoring agency for the RIDSP Indirect Cost Allocation Plan.

Methodology

Although certain central services, such as motor pools, computer centers, purchasing, accounting, etc., are eligible indirect costs, the only indirect cost RIDSP assigns as a part of this ICAP is Paid Leave. Paid Leave includes all personal, vacation, and sick leave discharged by an employee. Except for employees with scheduled extended family leave and employees with very high rates of leave accrual, all employees are budgeted eight weeks of paid leave per year, which is based on the historical experience of annual paid leave discharge. The actual Indirect Cost Allocation (Paid Leave) is calculated within thirty days of the close of the State Fiscal Year. The Indirect Cost Allocation is calculated by using the actual paid leave hours discharged by each individual employee during the previous fiscal year, July 1 to June 30, and their individual salary and fringe rate. The Paid Leave *actual* totals are then compared to the Paid Leave *budgeted* totals in the UPWP*. Any difference requiring an end of year adjustment will be made with the next request for reimbursement submitted to RIDOT.

* For more detail, please see the three worksheet tables listed in Section III, Resources.

- Table 5.1: FY 2024 Activity and Project Funding Sources by Percentage
- Table 5.2: FY 2024 Time Distribution, and
- Table 5.3: FY 2024 Projected Costs by Activity and Funding Sources.

Appendix B

Certificate of Cost Allocation Plan

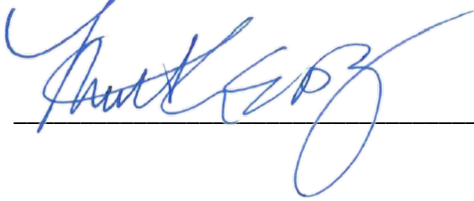
This is to certify that I have reviewed the cost allocation plan submitted herewith and to the best of my knowledge and believe:

1. All costs included in this proposal dated June 23, 2023, establish cost allocations or billings for July 1, 2023 – June 30, 2024 are allowable in accordance with the federal award(s) to which they apply. Unallowable costs have been adjusted for in allocating costs as indicated in the cost allocation plan.
2. All costs included in this proposal are properly allocable to federal awards on the basis of a beneficial or causal relationship between the expenses incurred and the federal awards to which they are allocated in accordance with applicable requirements. Further, the same costs that have been treated as indirect costs have not been claimed as direct costs. Similar types of costs have been accounted for consistently.
3. I declare that the foregoing is true and correct.

Governmental Unit: RI Department of Administration - Division of Statewide Planning and State Planning Council /
Metropolitan Planning Organization (SPC/MPO)

Name of Official: Meredith E. Brady
Title: Associate Director & Secretary of SPC/MPO

Signature: _____



Date of Execution: June 23, 2023

Appendix C

MPO Self-Certification

In accordance with Title 23 CFR 450.336, the Rhode Island State Planning Council sitting as the Metropolitan Planning Organization for the State of Rhode Island hereby certifies the FHWA and FTA that the transportation planning process is addressing the major issues in the metropolitan planning area and being conducted in accordance with all applicable requirements set forth in:

- a. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart.
- b. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93.
- c. Title VI of the Civil Rights Acts of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR Part 21.
- d. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
- e. Section 1101(b) of the SAFETEA-LU (pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects.
- f. 23 CFR part 230, regarding the implementation of an equal employment opportunity on federal and federal-aid highway construction contracts.
- g. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et. seq.) and 49 CFR parts 27, 37, and 38.
- h. The Older Americans Act, as amended (42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving federal financial assistance.
- i. Section 324 of Title 23 U.S.C. regarding the prohibition of discrimination based on gender.
- j. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.



Jonathan Womer
Chair, MPO

6 / 21 / 2023


Date



Meredith E. Brady
Secretary, MPO

June 19, 2023

Date

Approved as to form:

DOT legal
6/19/2023

Appendix D

RIPTA FY 2024 Unified Planning Work Program

The unified planning work program of RIPTA for FY 2024 will address short and long-range planning concerns, incorporating planning needs identified by the staff and Board of Directors of RIPTA. These tasks will be accomplished by RIPTA staff, supplemented by outside consultants as needed.

Short-Range Transportation Planning - RIPTA will engage in ongoing short range transportation planning activities such as:

- Maintenance of operating and support statistics for planning and performance measurement
- Review of existing transit operations and planning of route adjustments
- Design of transit operations appropriate to available funding levels
- Implementation of the *Transit Forward RI 2040* master plan (TMP), including development of new transit services and service expansion initiatives together with associated fleet, human resources, ROW infrastructure, and financial planning
- Development of improved Flex and Ride services to enhance service in lower density areas, including design of one or more mobility-on-demand pilot projects
- Ongoing enhancement of technology applications such as CAD AVL, APC, HASTUS scheduling, transit signal priority, and real-time information/wayfinding/messaging for use in scheduling, performance monitoring, and customer communications
- Review of potential service and fare changes to assess impacts on minority and/or low income riders, pursuant to Title VI and Environmental Justice rules
- Monitoring of performance of zero-emission vehicles
- Coordination between transit operations and planning functions
- Ongoing updating and improvement of communications materials such as system map and website
- Review and evaluation of new transit markets and opportunities
- Solicitation of feedback from fixed route and paratransit customers and agency partners
- Engagement in inclusionary planning and clear communication regarding civil rights of riders
- Coordinated planning with human services agencies and transportation providers
- Coordination with RIDOT and municipalities on roadway construction projects
- Evaluation of critical transit support functions for efficiency and effectiveness, such as paratransit service and maintenance systems
- Facilitation of Safety Action Plan development for Rhode Island municipalities pursuant to FHWA's Safe Streets and Roads for All grant program. This includes \$5 Million in Federal SS4A funding as well as a \$1.25 Million RIPTA Gas Tax Match, totaling \$6.25 Million.

RIPTA Short-Range Planning FY24		
Federal	Local	Total
\$837,133	\$209,284	\$1,046,417

Long-Range Transportation Planning - RIPTA will initiate, review, implement and/or support long-term transit and multimodal transportation strategies and investments. Planned efforts include:

- Oversight and direction of TMP implementation efforts in partnership with service planning and project management staff, RIDOT and the RI Division of Planning staff, and municipal and regional planners, stakeholders, and elected leadership.
- Prioritization of TMP short, mid, and long range projects into the design, financing, and construction process
- Per the TMP, preparation for major capital investments, including alternatives analysis, public engagement, selection of locally preferred alternatives, and environmental review in accordance with NEPA
- Per the TMP, planning and evaluation related to expansion or realignment of the statewide transportation network, development of funding plans, and preparation of applications for discretionary grants
- Planning and design of transit services and facilities, such as bus, trolley, ferry, bus rapid transit, light rail, park and ride, circulator, and other modes as appropriate, pursuant to the Transit Master Plan, Transit Asset Management Plan, or other planning/prioritization efforts as appropriate

- Development of mobility hub plans and/or implementation guidelines addressing hubs at the regional, community, and village/neighborhood scale
- Assistance in the establishment of transit-supportive land use policies, both statewide and local and participation in the preparation of Transit Oriented Development plans in association with bus hub and intermodal center design and development, housing planning and development initiatives, and other efforts as appropriate
- Implementation of RI's [2023 Coordinated Public Transit/Human Services Transportation Plan](#), including provision of staff leadership to the Statewide Human Services Transportation Coordinating Council, development of a community transportation partnership program, and planning toward launch of a statewide travel training network
- Preparation of fleet plans addressing vehicle size, type, fueling technology, and associated infrastructure needs
- Sustainability planning focusing on fleet, energy, passenger and administrative facilities, resiliency, GHG emissions reduction, and long-term cost savings.
- Participation in statewide and local sustainability, resiliency, and equity efforts such as EC4 and the RI Social Equity Platform.
- Development and tracking of performance standards in conjunction with *Moving Forward RI 2040*, *Congestion Management*, and *Transit Asset Management Plans*.
- Development, evaluation, and revision of service models and transit development plans for key transit centers and developing markets throughout the State
- Coordination of statewide Transit Signal Prioritization expansion and/or enhancement
- Development and implementation of a bus stop improvement program, including partnerships with RIDOT and municipalities focusing on bus stop siting, design, and bicycle-pedestrian and ADA safety and accessibility improvements
- Development and implementation of a systemwide bus stop signage update, to improve clarity and wayfinding at bus stops
- Planning and coordination of commuter and special mobility services such as vanpooling, handicap accessible taxi cabs, mobility on-demand/dynamic scheduling initiatives, development of a statewide one call/once click mobility information clearinghouse, and development of mobility management programs and resources
- Data collection, analysis, modelling, and reporting, including administration of rider surveys and origin-destination analyses, and data-sharing and collaboration with the RIDOT, and other partner organizations
- Collaborative congestion management and transportation system management planning with RIDSP and RIDOT, including work related to implementation of the *Congestion Management Plan* and ongoing participation in the Congestion Management Task Force
- Travel demand management planning and best practices research, identification of potential Transportation Management Association (TMA) partnerships, and planning related to development of a statewide mobility network
- Preparation, implementation, and monitoring of an agency-wide strategic plan
- Fare policy and product evaluation, including fare media and fare collection and distribution systems, to identify potential revenue opportunities and improve ease of use for riders
- Participation in Rhode Island's transportation planning process, including membership on the TAC and the SPC maintenance and updating of Rhode Island's State Management Plan, development, and publication of a transit program of projects in the State Transportation Improvement Program consistent with the recommendations of the TMP, and ongoing assistance in implementing *Moving Forward RI 2040*.
- Coordination with state economic development leadership to ensure maximum leveraging of transit investment for job growth and economic benefit
- Development and ongoing analysis of fleet decarbonization scenarios in connection with existing and proposed service growth as recommended in the TMP.
- Ongoing planning of agency operational, maintenance, and customer facilities.
- Development/scoping activities to ensure that proposed projects are well-defined and able to be executed by Project Management staff.
- Assistance in the development of a customer experience plan.

RIPTA Long-Range Planning FY24		
Federal	State	Total
\$558,089	\$139,522	\$697,611

Appendix E

RIDOT FY 2024 SPR (State Planning and Research)

Appendix A2													
PART I - FISCAL YEAR 2024 (June 12, 2023)													
FHWA PARTICIPATION COST BY PROJECT AND EXPENDITURE CLASSIFICATION (Federal funds plus state match)													
Task No.	Task	Personnel	Contractual Services	Equipment & Supplies	Travel & Training	Other Expenses	Payments to Other State Agencies	FY 2024 SPR Funds Budget	Federal Share	State Share	Funding from Other Sources	Total	Percent Fed Share
10	ADMINISTRATION												
10-01	2022-10-01 Civil Rights - ADA Transition Planning		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00	80.00%
10-02	2022-10-02 Civil Rights - Disadvantaged Business Enterprise Supportive Services (DBE/SS)		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00	80.00%
10-03	2022-10-03 Civil Rights - On-the-Job Training Supportive Services (OJT/SS)		\$ 500,000.00					\$ 500,000.00	\$ 400,000.00	\$ 100,000.00		\$ 500,000.00	80.00%
10-14	2023-10-14 Civil Rights - Resource Library			\$ 10,000.00				\$ 10,000.00	\$ 8,000.00	\$ 2,000.00		\$ 10,000.00	80.00%
10-20	2024-10-20 - Disadvantaged Business Enterprise - Fostering Small Business Participation			\$ 10,000.00				\$ 10,000.00	\$ 8,000.00	\$ 2,000.00		\$ 10,000.00	80.00%
10-21	2024-10-21 - Equal Employment Opportunity and Affirmative Action Plan Training		\$ 25,000.00					\$ 25,000.00	\$ 20,000.00	\$ 5,000.00		\$ 25,000.00	80.00%
10-40	2024-10-40 - Right-of-Way Asset Support Services and GIS Database Development		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00	80.00%
20	PLANNING												
20-01	20-01 AIS - Data Governance		\$ 150,000.00					\$ 150,000.00	\$ 120,000.00	\$ 30,000.00		\$ 150,000.00	80.00%
20-02	20-02 AIS - GIS Software and Equipment		\$ 513,000.00	\$ 25,000.00			\$ 69,950.00	\$ 607,950.00	\$ 486,360.00	\$ 121,590.00		\$ 607,950.00	80.00%
20-03	20-03 AIS - Project Scoping and Planning Application Sys												
20-04	20-04 AIS - Staffing and Personnel												
20-05	20-05 PEAM - Highway Performance Monitoring System (HPMS)	\$ -	\$ 500,000.00	\$ 15,000.00	\$ 15,000.00			\$ 530,000.00	\$ 424,000.00	\$ 106,000.00		\$ 530,000.00	80.00%
20-06	20-06 PEAM - Pavement Asset Management Systems	\$ -	\$ 1,200,000.00	\$ 30,000.00	\$ 20,000.00			\$ 1,250,000.00	\$ 1,000,000.00	\$ 250,000.00		\$ 1,250,000.00	80.00%
20-07	20-07 PLAN - e-STIP Software Development		\$ 350,000.00				\$ 150,000.00	\$ 500,000.00	\$ 400,000.00	\$ 100,000.00		\$ 500,000.00	80.00%
20-08	20-08 PLAN - Planning Studies On-Call		\$ 2,000,000.00					\$ 2,000,000.00	\$ 1,600,000.00	\$ 400,000.00		\$ 2,000,000.00	80.00%
20-09	20-09 PLAN - Travel-Time Data / RITIS *		\$ 20,000.00		\$ 15,000.00		\$ 562,242.00	\$ 597,242.00	\$ 477,793.60	\$ 119,448.40	\$ 406,800.00	\$ 1,004,042.00	47.59%
20-10	20-10 TAMP - Transportation Asset Management Plan		\$ 500,000.00	\$ 15,000.00	\$ 35,000.00			\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00	80.00%
20-11	20-11 GRANT - Grant Application Support and Related Tasks		\$ 1,250,000.00					\$ 1,250,000.00	\$ 1,000,000.00	\$ 250,000.00		\$ 1,250,000.00	80.00%
20-20	20-20 AIS - Document Scanning Management		\$ 550,000.00					\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00	80.00%
20-21	20-21 - Pavement Engineering and Asset Management Support	\$ -	\$ 500,000.00	\$ 30,000.00	\$ 20,000.00			\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00	80.00%
20-22	20-22 PLAN - Greenhouse Gas Pollution Standard for Transportation Projects in STIP		\$ 250,000.00				\$ 240,869.00	\$ 490,869.00	\$ 392,695.20	\$ 98,173.80		\$ 490,869.00	80.00%
20-23	20-23 PLAN - Bicycle Planning, Studies & Technical Assistance	\$ -	\$ 500,000.00	\$ 50,000.00				\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00	80.00%
20-24	20-24 PLAN - Complete Streets		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00	80.00%
20-25	20-25 PLAN - Resiliency Planning of STIP Projects												
25	TRANSIT PLANNING												
25-01	25-01 Transit - Transit Planning		\$ 390,000.00		\$ 10,000.00			\$ 400,000.00	\$ 320,000.00	\$ 80,000.00		\$ 400,000.00	80.00%
25-02	25-01 Transit - Rail Plan		\$ 750,000.00					\$ 750,000.00	\$ 600,000.00	\$ 150,000.00		\$ 750,000.00	80.00%
30	ENGINEERING												
30-01	30-01 NRU - Support RIDOT Natural Resources Programs	\$ 600,000.00	\$ 575,000.00	\$ 1,000.00	\$ 9,000.00			\$ 1,185,000.00	\$ 948,000.00	\$ 237,000.00	\$ 150,000.00	\$ 1,335,000.00	71.01%
30-02	30-02 TS - Statewide Crash System FY2022	\$ 125,623.60	\$ 793,403.00					\$ 919,026.60	\$ 400,000.00	\$ 100,000.00		\$ 919,026.60	43.52%
30-03	30-03 TS - State Traffic Commission FY2022	\$ 200,000.00	\$ 400,000.00					\$ 600,000.00	\$ 480,000.00	\$ 120,000.00		\$ 600,000.00	80.00%
30-04	30-04 TS - Traffic Data Collection, Management, & Analysis	\$ 105,278.40	\$ 1,062,321.00					\$ 1,167,599.40	\$ 934,079.52	\$ 233,519.88		\$ 1,167,599.40	80.00%
30-15	30-15 - Development of Management Plans & Procedures for the RI Scenic Roadway Board	\$ -	\$ 50,000.00	\$ -	\$ -			\$ 50,000.00	\$ 40,000.00	\$ 10,000.00		\$ 50,000.00	80.00%
40	PROJECT MANAGEMENT												
40-01	40-01 CRU - Cultural Resources Services	\$ 405,000.00	\$ 276,000.00	\$ 3,300.00	\$ 2,000.00			\$ 686,300.00	\$ 549,040.00	\$ 137,260.00		\$ 686,300.00	80.00%
40-02	40-02 Educational Advancement & LTAP **		\$ 700,000.00	\$ 30,000.00	\$ 5,000.00	\$ 250,000.00		\$ 985,000.00	\$ 788,000.00	\$ 197,000.00	\$ 210,000.00	\$ 1,195,000.00	65.94%
90	STATEWIDE PLANNING												
90-01	90-01 - Unified Planning Work Program						\$ 1,023,061.00	\$ 1,023,061.00	\$ 818,448.80	\$ 204,612.20		\$ 1,023,061.00	80.00%
95	STATEWIDE PLANNING - SPR(PL)												
	Total SPR Part I	\$ 1,435,902.00	\$ 14,804,724.00	\$ 219,300.00	\$ 131,000.00	\$ 250,000.00	\$ 1,023,061.00	\$ 18,887,048.00	\$ 14,774,417.12	\$ 3,693,604.28	\$ 766,800.00	\$ 19,653,848.00	75.17%
95-01	95-01 - SPR (PL) FY 2024 Unified Planning Work Program (estimate)+						\$ 3,650,000.00	\$ 3,650,000.00	\$ 2,920,000.00	\$ 730,000.00		\$ 3,650,000.00	80.00%
95-02	95-02 - SPR (PL) FY 2023 plus Carry Forward Unified Planning Work Program						\$ 759,000.00	\$ 759,000.00	\$ 607,200.00	\$ 151,800.00		\$ 759,000.00	80.00%
	Subtotal SPR (PL)						\$ 4,409,000.00	\$ 4,409,000.00	\$ 3,527,200.00	\$ 881,800.00		\$ 4,409,000.00	80.00%
	Grand Total SPR Part I & SPR(PL)	\$ 1,435,902.00	\$ 14,804,724.00	\$ 219,300.00	\$ 131,000.00	\$ 250,000.00	\$ 5,432,061.00	\$ 23,296,048.00	\$ 18,301,617.12	\$ 4,575,404.28	\$ 766,800.00	\$ 24,062,848.00	76.06%
	* - Includes RIDSP Portion												
	** - Includes HSIP Funding												
	*** - Includes \$150,000 LTAP Funds												
	+- Includes FTA Funding												
	*** - Includes \$150,000 LTAP Funds												

Appendix A1

PART I - FISCAL YEAR 2024 (June 12, 2023)

FHWA PARTICIPATION COST BY PROJECT AND EXPENDITURE CLASSIFICATION (Federal funds plus state match)

Task No.	Task	Personnel	Contractual Services	Equipment & Supplies	Travel & Training	Other Expenses	Payments to Other State Agencies	FY 2024 SPR Funds Budget	Federal Share	State Share	Funding from Other Sources	Total
10	ADMINISTRATION											
10-01	2022-10-01 Civil Rights - ADA Transition Planning		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00
10-02	2022-10-02 Civil Rights - Disadvantaged Business Enterprise Supportive Services (DBE/SS)		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00
10-03	2022-10-03 Civil Rights - On-the-Job Training Supportive Services (OJT/SS)		\$ 500,000.00					\$ 500,000.00	\$ 400,000.00	\$ 100,000.00		\$ 500,000.00
10-14	2023-10-14 Civil Rights - Resource Library			\$ 10,000.00				\$ 10,000.00	\$ 8,000.00	\$ 2,000.00		\$ 10,000.00
10-20	2024-10-20 - Disadvantaged Business Enterprise - Fostering Small Business Participation			\$ 10,000.00				\$ 10,000.00	\$ 8,000.00	\$ 2,000.00		\$ 10,000.00
10-21	2024-10-21 - Equal Employment Opportunity and Affirmative Action Plan Training		\$ 25,000.00					\$ 25,000.00	\$ 20,000.00	\$ 5,000.00		\$ 25,000.00
10-40	2024-10-40 - Right-of-Way Asset Support Services and GIS Database Development		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00
20	PLANNING											
20-01	2022-20-01 AIS - Data Governance		\$ 150,000.00					\$ 150,000.00	\$ 120,000.00	\$ 30,000.00		\$ 150,000.00
20-02	2022-20-02 AIS - GIS Software and Equipment		\$ 513,000.00	\$ 25,000.00			\$ 69,950.00	\$ 607,950.00	\$ 486,360.00	\$ 121,590.00		\$ 607,950.00
20-03	2022-20-03 AIS - Project Scoping and Planning Application Sys											
20-04	2022-20-04 AIS - Staffing and Personnel											
20-05	2022-20-05 PEAM - Highway Performance Monitoring System (HPMS)	\$ -	\$ 500,000.00	\$ 15,000.00	\$ 15,000.00			\$ 530,000.00	\$ 424,000.00	\$ 106,000.00		\$ 530,000.00
20-06	2022-20-06 PEAM - Pavement Asset Management Systems	\$ -	\$ 1,200,000.00	\$ 30,000.00	\$ 20,000.00			\$ 1,250,000.00	\$ 1,000,000.00	\$ 250,000.00		\$ 1,250,000.00
20-07	2022-20-07 PLAN - e-STIP Software Development		\$ 350,000.00				\$ 150,000.00	\$ 500,000.00	\$ 400,000.00	\$ 100,000.00		\$ 500,000.00
20-08	2022-20-08 PLAN - Planning Studies On-Call		\$ 2,000,000.00					\$ 2,000,000.00	\$ 1,600,000.00	\$ 400,000.00		\$ 2,000,000.00
20-09	2022-20-09 PLAN - Travel-Time Data / RITIS *	\$ 20,000.00			\$ 15,000.00		\$ 562,242.00	\$ 597,242.00	\$ 477,793.60	\$ 119,448.40	\$ 406,800.00	\$ 1,004,042.00
20-10	20-10 TAMP - Transportation Asset Management Plan		\$ 500,000.00	\$ 15,000.00	\$ 35,000.00			\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00
20-11	20-11 GRANT - Grant Application Support and Related Tasks		\$ 1,250,000.00					\$ 1,250,000.00	\$ 1,000,000.00	\$ 250,000.00		\$ 1,250,000.00
20-20	20-20 AIS - Document Scanning Management		\$ 550,000.00					\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00
20-21	20-21 - Pavement Engineering and Asset Management Support	\$ -	\$ 500,000.00	\$ 30,000.00	\$ 20,000.00			\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00
20-22	20-22 PLAN - Greenhouse Gas Pollution Standard for Transportation Projects in STIP		\$ 250,000.00				\$ 240,869.00	\$ 490,869.00	\$ 392,695.20	\$ 98,173.80		\$ 490,869.00
20-23	20-23 PLAN - Bicycle Planning, Studies & Technical Assistance	\$ -	\$ 500,000.00	\$ 50,000.00				\$ 550,000.00	\$ 440,000.00	\$ 110,000.00		\$ 550,000.00
20-24	20-24 PLAN - Complete Streets		\$ 250,000.00					\$ 250,000.00	\$ 200,000.00	\$ 50,000.00		\$ 250,000.00
20-25	20-25 PLAN - Resiliency Planning of STIP Projects											
								\$ -				
25	TRANSIT PLANNING											
25-01	25-01 Transit - Transit Planning		\$ 390,000.00		\$ 10,000.00			\$ 400,000.00	\$ 320,000.00	\$ 80,000.00		\$ 400,000.00
25-02	25-01 Transit - Rail Plan		\$ 750,000.00					\$ 750,000.00	\$ 600,000.00	\$ 150,000.00		\$ 750,000.00
30	ENGINEERING											
30-01	30-01 NRU - Support RIDOT Natural Resources Programs	\$ 600,000.00	\$ 575,000.00	\$ 1,000.00	\$ 9,000.00			\$ 1,185,000.00	\$ 948,000.00	\$ 237,000.00	\$ 150,000.00	\$ 1,335,000.00
30-02	30-02 TS - Statewide Crash System FY2022	\$ 125,623.60	\$ 793,403.00					\$ 919,026.60	\$ 735,221.28	\$ 183,805.32		\$ 919,026.60
30-03	30-03 TS - State Traffic Commission FY2022	\$ 200,000.00	\$ 400,000.00					\$ 600,000.00	\$ 480,000.00	\$ 120,000.00		\$ 600,000.00
30-04	30-04 TS - Traffic Data Collection, Management, & Analysis	\$ 105,278.40	\$ 1,062,321.00					\$ 1,167,599.40	\$ 934,079.52	\$ 233,519.88		\$ 1,167,599.40
30-15	30-15 - Development of Management Plans & Procedures for the RI Scenic Roadway Board	\$ -	\$ 50,000.00	\$ -	\$ -			\$ 50,000.00	\$ 40,000.00	\$ 10,000.00		\$ 50,000.00
40	PROJECT MANAGEMENT											
40-01	40-01 CRU - Cultural Resources Services	\$ 405,000.00	\$ 276,000.00	\$ 3,300.00	\$ 2,000.00			\$ 686,300.00	\$ 549,040.00	\$ 137,260.00		\$ 686,300.00
40-02	40-02 Educational Advancement & LTAP **		\$ 700,000.00	\$ 30,000.00	\$ 5,000.00	\$ 250,000.00		\$ 985,000.00	\$ 788,000.00	\$ 197,000.00	\$ 210,000.00	\$ 1,195,000.00
90	STATEWIDE PLANNING											
90-01	90-01 - Unified Planning Work Program						\$ 1,023,061.00	\$ 1,023,061.00	\$ 818,448.80	\$ 204,612.20		\$ 1,023,061.00
	Total SPR Part I	\$ 1,455,902.00	\$ 14,784,724.00	\$ 219,300.00	\$ 131,000.00	\$ 250,000.00	\$ 1,023,061.00	\$ 18,887,048.00	\$ 15,109,638.40	\$ 3,777,409.60	\$ 766,800.00	\$ 19,653,848.00
95	STATEWIDE PLANNING - SPR(PL)											
95-01	95-01 - SPR (PL) FY 2024 Unified Planning Work Program (estimate)+						\$ 3,650,000.00	\$ 3,650,000.00	\$ 2,920,000.00	\$ 730,000.00		\$ 3,650,000.00
95-02	95-02 - SPR (PL) FY 2023 plus Carry Forward Unified Planning Work Program						\$ 759,000.00	\$ 759,000.00	\$ 607,200.00	\$ 151,800.00		\$ 759,000.00
	Subtotal SPR (PL)						\$ 4,409,000.00	\$ 4,409,000.00	\$ 3,527,200.00	\$ 881,800.00		\$ 4,409,000.00
	Grand Total SPR Part I & SPR(PL)	\$ 1,455,902.00	\$ 14,784,724.00	\$ 219,300.00	\$ 131,000.00	\$ 250,000.00	\$ 5,432,061.00	\$ 23,296,048.00	\$ 18,636,838.40	\$ 4,659,209.60	\$ 766,800.00	\$ 24,062,848.00
	* - Includes RIDSP Portion											
	** - Includes \$210,000 LTAP Funds											
	** - Includes \$210,000 LTAP Funds											
	+ - Includes FTA Funding											