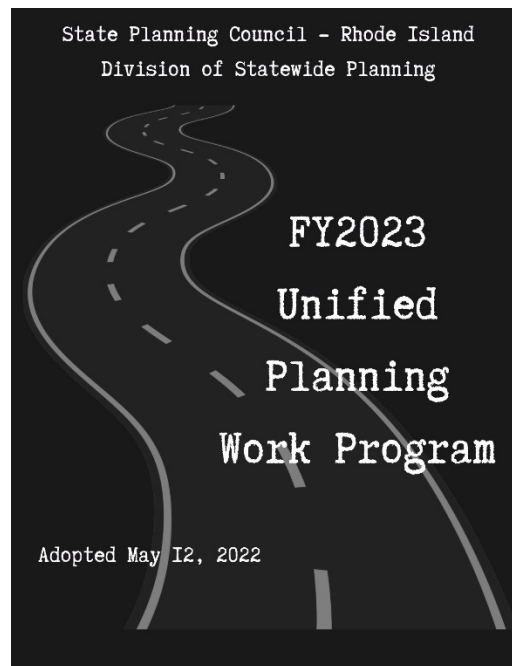


**FY 2023
UNIFIED PLANNING WORK PROGRAM
July 2022 - June 2023**



Approval Date: June 28, 2022

Quarter 1 Report

July 1, 2022 to September 30, 2022

**Rhode Island Department of Administration
Division of Statewide Planning
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PART I - STATUS REPORTS

The following provides a progress report for all projects contained in the Metropolitan Planning Organization's current work program. The original project descriptions are presented followed by a brief description of the actual work that took place during this quarter as well an explanation of any project delays where applicable.

Project and Special Task List

Activity 2 – State Transportation Improvement Program (STIP)

- Special Task 2d: E-STIP Viewer Public Launch
- Special Task 2e: Performance-Based Project Selection Criteria for Transportation Projects
- Special Task 2f: E-STIP Project Application Guidebook for Municipalities
- Special Task 2g: Annual Federal Obligation Report
- Project 2.1: Electronic State Transportation Improvement Program (E-STIP) Software Platform

Activity 4 – Transit Planning

- Project 4.1: High-Capacity Transit Project Development
- Project 4.2: Transit Surveys & Data Acquisition
- Project 4.3: Coordinated Public Transit – Human Services Transportation Plan Update

Activity 5 – Freight Planning Implementation

- Project 5.1: Freight and Goods Movement Plan Update with Statewide Truck Parking Study Appendix

Activity 6 – Transportation Planning and Bicycle and Pedestrian Mobility

- Special Task 6n - Long Range Transportation Plan Project Mapping
- Project 6.1: Complete Streets Plan / Design Guidelines
- Project 6.2 State Bicycle Counting Data Project

Activity 7 – Long-Range Land Use & Transportation Planning

- Special Task 7e- Comprehensive Economic Development Strategy (CEDs)
- Special Task 7f - Housing State Guide Plan Element
- Project 7.4: Land Use 2050: Rhode Island's Plan for Land Use and Transportation

Activity 9 – Planning Information and Education

- Special Task 9g - Transportation Performance Management Dashboard

- Special Task 9h - Statewide Parcel Initiative
- Project 9.1: Vehicle Probe Transportation Dataset and Eastern Transportation Coalition
- Project 9.2: Travel Demand Model Update and Maintenance
- Project 9.3: GHG Modeling Implementation Assessment
- Project 9.4: Environmental Data Center Partnership - RIGIS Geospatial Database
- Project 9.5: Municipal Planning Enhanced Education Requirement

Activity 12 – Climate Change Resiliency, Adaptation, and Mitigation

- Project 12.1: Community Resilience and Planning

Activity 13 – Support to Other State Agencies and Municipalities

- Special Task 13e: State Employee Commuting
- Project 13.1: Local Active Transportation Technical Enhancements

PART II – FINANCIAL REPORTS

Activity 2 – State Transportation Improvement Program (STIP)

Objective: In close cooperation with RIDOT and RIPTA, administer the State Transportation Improvement Program 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.

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

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, 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.

Project Agency Lead: RIDSP

Partner Agencies: RIDOT

RIDOT Contact Person: Linsey Callaghan

Schedule for Completion: This project is an ongoing effort through the duration of the UPWP timeframe: it began in 2019 and will implemented within the next 18 to 24 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 13

Project Cost (other than staff time): \$441,125

(\$296,436 FHWA; \$56,464 FTA; \$60,225 RIDOT; \$28,000 RIDSP)

Quarter 1 Accomplishments (or explanation of project delay)

✓ Continued to work with PMG on additional improvements to STIP Manager and STIP Viewer software. Received STIP Manager Delivery 1 from PMG which included the following enhancements:

- Running Reports by Revision
- Separate Project & Change Comments
- Municipal Summary Report – Updated Standard Report
- Program Detail Report – New Report Parameter
- Update Municipal Report in STIP Viewer
- New Change Type Analysis Report

- ✓ Reviewed and provides change comments to PMG for the enhancements listed above as part of Delivery 1.
- ✓ Received Delivery 2 Implementation Plan from PMG in early July. Reviewed Delivery 2 Implementation Plan. Provided questions and change comments to PMG.
- ✓ Also received and tested minor updates from PMG to resolve software bugs in STIP Manager and STIP Viewer software
- ✓ Worked with ESRI to migrate data from RIDOT STIP Bundler to SWIFT schema.
- ✓ Held several meetings with RIDSP, RIDOT and ESRI related to the release of SWIFT Iterations #14 and #15 which included moving from an ESRI Production environment to the RIDOT Staging Server (includes draft E-STIP interface).
- ✓ Key decisions made with ESRI Q1 include adding functionality to edit assets and bundles through the map interface without using the workflow for SWIFT application requests. Also, assets should be directly editable, bundle manipulation will be made available, and geoprocessing (GP) will run as a post-process instead of being initiated with every bundle/asset change. RIDSP and RIDOT agree on moving forward with the Map Based Bundler / Asset Manager.
- ✓ Held meeting with RIDSP, RIDOT, and ESRI on the Iteration #17 development items (including the draft E-STIP Interface).
- ✓ Map based STIP Bundler and Iteration #17 will continue concurrently and end on the same date (estimated at October 16, 2022).
- ✓ Held several internal meetings, as well as meetings with RIDOT on the development of the LRTP GIS project data layer that will be utilized in the SWIFT scoring criteria schema.
- ✓ Updated the Memorandum of Agreement (MOA) on the Procedures to Amend and Modify the STIP based on change / modification funding thresholds established under Table A2. The previous MOA was based on change/modification established under Table A1.
- ✓ Updated the Division/MPO's contact database.

Special Task 2d: 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 Technical Committee, Transportation Advisory Committee, State Planning Council, RIDOT's 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, social media posts, and notification to transportation stakeholders including municipalities, state and local officials, and other state agencies.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ E-STIP Viewer is in progress. RIDSP and RIDOT staff continue to meet with PMG on a regular basis for demonstration updates.

- ✓ Corrections have been made to the platform from RIDSP and RIDOT and PMG is working to integrate them.
- ✓ Quality control is ongoing with this project as new iterations need to be tested before the viewer can be launched to the public.

Special Task 2e: 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. Utilize the Transportation Advisory Committee and the State Planning Council to develop 12 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 criteria for transportation STIP project selection.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ As noted in Q1 update for Project 2.1: E-STIP and Project 2f: E-STIP Project Application Guide Book, RIDSP and RIDOT staff continued to work with ESRI on the development of the E-STIP project intake application know as SWIFT.
- ✓ Held meeting with RIDSP, RIDOT, and ESRI on the Iteration #17 development items (including the draft E-STIP Interface).
- ✓ RIDSP staff had several internal meetings, as well as meetings with RIDOT and RIPTA on the development of the Long-Range Transportation Plan (LRTP) GIS project data layer that will be utilized in the SWIFT performance-based project selection criteria for proposed transportation projects.
- ✓ After implementation of Scoring and Performance Based Ranking the initial functionality of SWIFT is ready for testing. If testing is not showing any issues, demonstrations of SWIFT will be provided to the TAC and SPC requesting feedback. The TAC and SPC's feedback will be utilized to further refine SWIFT's scoring and weighting schema for proposed transportation projects, as well as add urgency on potential outstanding issues.
- ✓ Staffing resources have contributed to a slight delay project progress but should not impact the overall delivery and completion of the Project Selection Criteria.

Special Task 2f: E-STIP Project Application Guidebook for Municipalities

Provide municipalities with a guidebook for submitting new project applications requesting funding through the Electronic State Transportation Improvement Program (E-STIP) development process. The guidebook will consist of several components which 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. This will provide a level of transparency both in how projects are selected and how to make sure these requirements are met prior and to navigate the E-STIP SWIFT application process.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ As noted in Q1 update for Project 2.1: E-STIP and Project 2e: Performance Based Project Selection Criteria for Transportation Projects, RIDSP and RIDOT staff continued to work with ESRI on the development of the E-STIP project intake application know as SWIFT.
- ✓ Held meeting with RIDSP, RIDOT, and ESRI on the Iteration #17 development items (including the draft E-STIP Interface).
- ✓ RIDSP staff had several internal meetings, as well as meetings with RIDOT and RIPTA on the development of the Long-Range Transportation Plan (LRTP) GIS project data layer that will be utilized in the SWIFT performance-based project selection criteria for proposed transportation projects.
- ✓ After implementation of Scoring and Performance Based Ranking the initial functionality of SWIFT is ready for testing. If testing is not showing any issues, demonstrations of SWIFT will be provided to the TAC and SPC requesting feedback. The TAC and SPC's feedback will be utilized to further refine SWIFT's scoring and weighting schema for proposed transportation projects, as well as add urgency on potential outstanding issues.
- ✓ Once the TAC and SPC approves and adopts the Performance Based Scoring Criteria staff will work to develop an E-STIP Project Application Guidebook. Staff will also work with ESRI to document the steps of the workflow for municipalities when they are entering transportation project information in SWIFT. This workflow will be included in the Municipal Project Handbook.
- ✓ Staffing resources have contributed to a slight delay project progress but should not impact the overall delivery and completion of the Project Selection Criteria and in turn the Project Application Guidebook for Municipalities.

Special Task 2g: Annual Federal Obligation Report

Develop the Annual Federal Obligation Report. This includes compiling, reviewing, and classifying federal obligation data from RIDOT and RIPTA. Report on this information to the TAC and SPC, as well as to general public through web posting.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff has begun the process of obtaining the data for the 2022 Obligation Report. Data should be compiled by the middle of October.
- ✓ This task is on target to be completed before the end of the 2022 calendar year, per Federal regulations.

Activity 4 – Transit Planning

Objective: Provide a safe, robust, and convenient network of transit services with seamless intermodal connections in support of increased employment opportunities, improved environmental quality, and reduced congestion and automobile dependency.

Project 4.1: High-Capacity Transit Project Development

Project Description: Transit Forward RI 2040, the transit element of Rhode Island’s 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 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 22 start

Products / Deliverables:

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

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

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Scoping continues. Paper grant process ongoing, to be followed by grant execution in TrAMS. Anticipating grant to be live by the end of Quarter 2 of FY 2023.

Project 4.2: Transit Surveys & Data Acquisition

Project Description: This project is a continuation from FY 21. As a data-driven industry, transit requires a steady influx of timely information in order to provide optimal services. 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's 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 19 efficiencies 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 Agency Lead: RIPTA

Partner Agencies: RIDSP

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

Schedule for Completion: Phase I: Procurement – Issue RFP FY 21 Q4, Notice to Proceed FY 22 Q1 • Phase II: Survey – FY 22 Q2

Products / Deliverables: Survey report and dataset including origins/destinations, demographic/socioeconomic characteristics, and fare payment

Project Cost (other than staff time): Phase II: Survey – \$82,071 (\$64,671 FTA; \$17,400 RIPTA)

Note: This project remains in the UPWP to ensure that the final billings and product can be completed without concerns regarding the timing of the June 30, 2022, deadline.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ All project deliverables have been completed by contractor.
- ✓ Project closeout is anticipated for Q2.

Project 4.3: Coordinated Public Transit – Human Services Transportation Plan Update

Project Description: As Rhode Island’s manager of federal funds under the Section 5310 Program for Enhanced Mobility for Seniors and Individuals with Disabilities, RIPTA is required to develop and maintain a statewide Coordinated Public Transit-Human Services Transportation Plan that identifies unmet transportation needs, provides implementation strategies, and prioritizes projects and programs for funding. Rhode Island’s current Coordinated Plan was developed in 2017. This project will enable RIPTA to incorporate elements of the recently adopted Transit Master Plan into a new version while meeting its federal obligation to update the Coordinated Plan every five years. Older adults, individuals with disabilities, and representatives of public, private, and nonprofit transportation and human service providers will be involved in the planning process.

Project Agency Lead: RIPTA

Partner Agencies: RIDSP

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

Schedule for Completion: Plan will be developed between July 1, 2021, and December 31, 2022

Products / Deliverables: Updated Coordinated Public Transit-Human Services Transportation Plan

Project Cost (other than staff time): \$100,000 (\$80,000 FTA; \$20,000 RIPTA)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Gathered public input on potential strategies
- ✓ Presented findings to Human Services Transportation Coordinating Council
- ✓ Began drafting plan for expected completion in Q2

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.

Project 5.1: Freight and Goods Movement Plan Update with Statewide Truck Parking Study Appendix

Project Description: Rhode Island’s Freight and Goods Movement Plan was developed to address the MAP-21 and FAST Act requirements to address freight mobility within a statewide multimodal infrastructure network. The Plan was approved by FHWA on July 21, 2017 and will

expire on July 21, 2022. This project will fulfil the requirement that the Plan must be updated every five years (under the 2021 Infrastructure Investment and Jobs Act (IIJA) updates are now required every four years). This update will include all the required elements of a State Freight Plan as required by 49 U.S.C. § 70202 and under IIJA to ensure that Rhode Island maintains eligibility for the National Highway Freight Program formula funds. We will also update the required freight investment plan to include a project list as required by 49 U.S.C. § 70202 (b). The Plan update will be completed by a combination of staff work and contractor assistance in consultation with the Freight Advisory Committee and other public and private sector stakeholders. The contractor assistance will primarily include work to update the State of Rhode Island Freight Forecast as well as related data, mapping assistance, and plan implementation.

State Truck Parking Study Appendix

State Truck Parking Study Appendix: MAP-21 and the FAST Act enacted Jason’s Law which identified requirements for states to identify, monitor, and improve parking for trucks and to address the shortage of long-term truck parking and improve safety for trucks parking along the National Highway System. The Freight and Good Movement Plan identified truck parking demand constraints within Rhode Island highlighting the state’s current efforts to monitor truck parking spaces along with the need to address existing and future growth challenges. The Plan identified the need to better understand the supply and demand of Rhode Island’s existing truck parking infrastructure, the systems gaps, future needs statewide, and to add expanded capacity for parking and services if feasible. Moving forward, Rhode Island will need to have a foundation to further justify, strategize, and prioritize future truck parking infrastructure investments statewide along the 22-highway freight network. To this end, a Statewide Truck Parking Study will be added as an Appendix to the update of the *Freight and Goods Movement Plan*.

The Truck Parking Study will allow the RIDSP and RIDOT to achieve the following key objectives:

- Document Truck Parking Supply, both in list form and graphically, for public and private truck parking
- Identify Truck Parking Demand factors
- Utilize the RITIS PDA USER SUITE and INRIX Probe Data to analyze and assess current Truck Parking supply and demand, and the gaps statewide
- Develop Truck Parking improvement opportunities
- Document the truck parking needs statewide, both in list form and graphically
- Identify and prioritize truck parking projects
- Develop Truck Parking solution implementation strategies:
 - Identify and develop Truck Parking policies
 - Identify State agency and private sector company role(s) in advancing truck parking
 - Identify New and Existing Private-Public Partnership (P3) opportunities
 - Identify and analyze performance metrics for future truck parking advancement (including Freight ITS and / or other existing technology - e.g., DMS system).

Project Agency Lead: RIDSP

Partner Agencies: RIDOT

Contact Person: Josh O’Neill and Linsey Callaghan

Products / Deliverables:

- Updated and Compliant Statewide Freight and Goods Movement Plan
- Statewide Truck Parking Study as an Appendix to the Plan
- Executive Summary

Project Cost (other than staff time): \$335,860 (\$201,488 FHWA; \$33,600 RIDOT; \$33,600 RIDSP; \$67,172 FTA)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ On August 18th, the State of Rhode Island received its approval from FHWA for the 2022 Rhode Island Freight and Goods Movement Plan - Interim Update! The Plan meets all of the required content of a State Freight Plan under 49 U.S.C. § 70202. The Plan approval lasts 4 years from August 18th, 2022.
- ✓ However, as stated to the FHWA regional office, the Division of Statewide Planning continues to work with WSP USA Inc., on “Phase 2” of the 2022 RI Freight and Goods Movement Plan update which includes the completion of a new Statewide Truck Parking Study Appendix Report and a full update of the RI Freight Commodity Flow and Freight Forecast as a new Appendix Report. As of October 11, 2022, both plans are near completion. When completed, we intend to send both reports to the members of the RI Freight Advisory Committee for a 30-day review and comment period.
- ✓ Information on the status of both reports was presented to the members of the RI Freight Advisory Committee at an in-person meeting that took place at the offices of Waterson Terminal Services at the Port of Providence on September 14th, 2022.
- ✓ As of October 11, 2022 five (5) invoices have been processed from WSP USA Inc. which totals \$145,739.06 of expenditures spent on a total original contract value of \$301,855.18 or near 49% of project funds expended.
- ✓ Recently though, we approved a Change Order with WSP USA Inc, to add an additional \$25,455.40 of funding to the Freight Plan update to have WSP assist the RI Division of Statewide Planning with some additional mapping and design assistance for the completion of the Phase 2 update of the Plan.
- ✓ The RI Freight and Goods Movement Plan update project is proceeding on time and on budget.

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. Performance management is credited with improving project and program delivery, informing investment decision-making, focusing staff on priorities, and providing greater transparency and accountability to the public. Transportation Planning also

includes maintaining and implementing the Long-Range Transportation Plan and related plans including those for bicycles, pedestrians, rail and complete streets. Through coordinated planning efforts, 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.

Special Task 6n - Long Range Transportation Plan Project Mapping

To improve and build upon the Long-Range Transportation GIS project data for use in planning applications, most notably the ESTIP, as well as for purposes of updating the Long Range Transportation Plan (LRTP), Regionally Significant Projects List, and other pertinent planning activities. The current LRTP project list known as the Pool of Projects (<http://www.planning.ri.gov/documents/LRTP/LRTP-app/AppendixE.pdf>) was developed as part of Moving Forward RI 2040. The list contains data necessary to develop fiscal constraint estimates and investment priorities as described in the LRTP. This data must be continuously updated as project descriptions become more refined including project limits, assets, cost estimates, and Purpose and Need objectives.

RIDSP has been working with RIDOT to develop access to a shared interface and data layers that encompass the entire list of priority and long-range projects. A number of tasks must be completed in order to completely map the Pool of Projects and provide better project data including the following:

- Aligning the Bicycle Mobility Plan corridor layer with the state's Advanced Linear Referencing System (ALRS)
- Establishing better data for known bicycle amenities including existing bicycle lanes
- Establishing better data for known pedestrian amenities, specifically data for a pedestrian/sidewalk layer
- Researching locations associated with Mobility Hubs (currently missing)
- Researching locations and limits associated with new projects

It is expected that the "LRTP layer" as this data layer is come to be known, will be used in applications ranging from ESRI SWIFT, Transportation Equity Analysis, planning on-going Fiscal Constraint and updating Moving Forward RI 2040.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Mapping efforts have been broken up into three categories of projects: LRTP, BMP, and TMP.
- ✓ Efforts on the LRTP mapping portion have been substantially completed. Some projects require additional research in order to be mapped, which is in progress.
- ✓ RIDSP has worked collaboratively with RIPTA to complete a draft of the TMP project layer. This layer is currently under review and will require future edits.
- ✓ RIDSP will work collaboratively with RIDOT to complete the BMP project layer. Corridor mapping has been drafted; the next step is to begin project mapping.
- ✓ RIDSP staff continues to meet on a regular basis to continue project mapping efforts.

Project 6.1: Complete Streets Plan / Design Guidelines

Project Description: RIDSP, in cooperation with RIDOT and RIPTA, will solicit consultant assistance to develop a Statewide Complete Streets Plan. The Plan will include the following elements:

- Research state and national best practices in planning for and implementing complete streets and other tools.
- Development of a statewide complete streets policy 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 street types and for a street's active zone (sidewalks), street zone, bikeways, and intersections.
- Collect economic, crash, bus, and usage data on infrastructure projects that include significant complete streets elements to identify benefits.
- Complete Streets prioritization methodology for project selection.

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, RIPTA

Contact Person: Linsey Callaghan

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 Cost (other than staff time): \$251,556 (\$61,245 FHWA; \$140,000 RIDOT; \$15,311-RIDSP; \$35,000 OTHER)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff has completed a first draft of the Complete Streets Plan RFP.
- ✓ This first draft has been distributed to colleagues at RIDOT and RIPTA for feedback, which has been received.
- ✓ A second draft of the RFP is in progress.
- ✓ This project may be delayed due to current staffing shortages.

Project 6.2 State Bicycle Counting Data Project

Description: RIDSP, in cooperation with RIDOT and RIPTA, will examine the acquisition of bicycle counting data, potentially through partnership with The Eastern States Coalition (TETC) and through their marketplace (see also Activity 9) or through other private sector data sources. Development of bicycle data is critical to modeling efforts, ensuring that the right connections are made in developing the statewide bicycle network, and for purposes of realistically assessing proposed bicycle infrastructure projects.

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, RIPTA

Contact Person: Linsey Callaghan

Products / Deliverables: Bicycle count data with enough detail to allow for examination of and planning for discrete bicycle infrastructure segments, in coordination with existing and future projects.

Project Cost (other than staff time): \$60,000 (\$30,000 FHWA; \$18,000 FTA; \$12,000 RIDSP)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff has met with RIDOT planning to begin the process of procuring bicycle count data.
- ✓ RIDSP and RIDOT have concluded that creating a bike counts working group is the best option forward. That group has met once and will meet regularly to discuss research.
- ✓ There are several options for bike count data. The main solution being researched is to obtain bike count data from INRIX, who we already have under contract for other data sets. RIDSP has inquired to INRIX about the company using Rhode Island as a pilot State to begin offering bike count data. This option is currently being discussed by INRIX.
- ✓ Other options include: Streetlight probe data for bikes, purchasing physical counters, obtaining portable bike tubes, and repairing the State's existing bike counters.
- ✓ This task is currently on schedule and a data option should be selected by early 2023, pending any pilot program delay from INRIX if that is the chosen route.

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.

Special Task 7e- Comprehensive Economic Development Strategy (CEDS)

In an election year, Commerce RI is tasked with developing a Four-Year Economic Development Strategy for the new administration. It is anticipated that funding made available through the State Planning Assistance program of the U.S. Economic Development Administration will allow state partners to draft a Post-Pandemic Five-Year Comprehensive Economic Development Strategy for the State of Rhode Island. The Economic Development State Guide Plan element 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 Plan serves 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.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff has met with Commerce staff and has developed an initial project timeline that will allow the bulk of this project to be completed by close of Q4 FY2023.
- ✓ Additional meetings to review the RFP and project steering committee are scheduled.
- ✓ It is anticipated that adoption of the new State Guide Plan element will take place in Q1 and Q2 of FY2024.

Special Task 7f - Housing State Guide Plan Element

It is not yet known whether a cohesive effort to develop an adopt an update to the Housing element of the SGP will be initiated in FY 2023, but this task is being included in order to provide support for element development.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff has met with the Secretary for Housing and staff, but it has not yet been determined when a new State Guide Plan element will be undertaken.
- ✓ Staff will continue to meet with Housing stakeholders and hopes to connect transportation and housing resources through federal pilot programs.

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

Project Overview: 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 the updated SGP Element 611, *Moving Forward RI 2040*. The intent of the Land Use Plan is to inform and guide decision-makers by including transportation supportive goals and policies for land development and conservation in the State over a twenty-year horizon. 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. An informal working group of municipal planners will be assembled by Staff to assist as an advisory stakeholder/ writing group for vetting the technical papers with local planning expertise. A public participation process will be developed after completing the technical papers to draft goals, and strategies to engage other state officials, municipal planners, the public, regional associations, and other stakeholder groups. 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:

1. Create a series of technical papers developing broad 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.

a. Technical Paper on Rhode Island Zoning & Land Use – 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, and inclusionary zoning practices. Contract with a mapping specific consultant who focuses on GIS data to collect and create new 28 digital information for: creating a statewide composite of municipal future land use maps, statewide generalized zoning districts, and growth centers for each RI community. The consultant will create a new geodatabase with information and base maps for each item listed above along with a technical document outlining the procedures used in data development with appropriate metadata. Staff will include the maps in the update of the Technical Paper. Consult with municipal planners on advisory stakeholder group throughout to confirm findings. Include selected map products and a summary of the topics and any potential goals and policies recommended in the SGP Element update.

b. 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 on advisory stakeholder group throughout to confirm findings. Include a summary of the topics and any potential goals and policies recommended in the SGP Element update.

c. 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 on advisory stakeholder group 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.

d. Technical Paper on Equity & Rhode Island Land Use Planning – Draft a new technical paper. Contract with an equity consultant with expertise on equity in land use to identify environmental justice, social equity, and disparity issues related to land use in the State. Focusing on disadvantaged communities that have been historically marginalized and overburdened by pollution and underinvestment in housing, transportation, water and wastewater infrastructure, recreation, and health care. and to identify preliminary inclusive

policies to address social equity in land use and identify preliminary strategies that could be used, in a variety of settings statewide to implement effective change. Consult with municipal planners on advisory stakeholder group throughout to confirm findings. Include a summary of the topic and any potential goals and polices recommended in the SGP Element update.

e. Technical Paper on Climate Change and Sea Level Rise & Rhode Island Land Use Issues - Draft a new technical paper. Division staff working on climate change and sea level rise will be asked to identify climate impacts to land uses and transportation infrastructure and write the technical paper. Provide oversight for Division staff to update this SGP Element with climate change, resiliency, adaption, and mitigation strategies and with other relevant SGP Element updates. Division staff working on 29 climate change and sea level raise will write a new text section, which includes preliminary strategies related to climate change and sea level rise. Consult with municipal planners on advisory stakeholder group throughout to confirm findings. Include a summary of the trends discovered and any potential goals and polices recommended in the SGP Element update.

Project Lead: RIDSP

Contacts: Nancy Hess, Paul Gonsalves

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

Schedule for Implementation: This is the third year of a five-year planning process

Deliverables:

- 5 Technical Papers for LU 2050 Update

Project Cost (other than staff time):

\$180,000 (\$117,000 FHWA; \$27,00 FTA; \$36,000 RIDSP)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Continued to educate and inform Division and other State agency staff on the purpose of, the State Guide Plan and importance of the Land Use Element
- ✓ Began drafting an outline for technical paper on Rhode Island Zoning & Land Use
- ✓ Initiated contact and hosted a site visit from the State Government Internship Program for potential student intern assistance on technical papers
- ✓ Initiated drafting of an RFP for soliciting data services and mapping for technical papers on Zoning & Land Use and Rhode Island's Changing Landscape
- ✓ Continued research of potential new contemporary land use issues to include through webinars hosted by FHWA, APA and others
- ✓ Coordinated with Data Team re data availability and population projections and requested outline of methodology to be used for projections be developed
- ✓ Continued research on land use, energy and transportation implications and regulations for grid battery storage and drafted fact sheet for topic.

Activity 9 – Planning Information and Education

Objective: Develop and provide data analysis on pertinent topics such as but not limited to transportation demographic, social, economic, and housing. Perform data analysis as requested. 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.

Special Task 9g - 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 State Guide Element 611, Long-Range Transportation Plan: Moving Forward RI 2040. The dashboard will focus in phases on Transportation Performance Management, and 2-year and 4-year targets as required by FAST-Act reporting guidelines. The dashboard will be updated 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.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Staff updated transportation performance target information on the RIDSP Performance Management webpage.
- ✓ Staffing resources have contributed to a slight delay on the development of the Performance Dashboard, but the project continues to move forward in FY2023.

Special Task 9h - Statewide Parcel Initiative

Continue to 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.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Obtained municipal parcel/zoning data from HousingWorks RI at RWU; 22 municipalities of which 11 contained parcel data. Future review is needed to verify if any meet the [RIGIS Standard for Digital Parcel Data Sets](#).
- ✓ Updated the [Parcel Status Map](#) based on the latest [RIGIS Municipal Survey](#) results as well as a manual review of links, websites, and municipal GIS contact information.
- ✓ Based on [State Agency – Statewide Parcel Needs survey results](#) recommended CAMA fields were reviewed to determine which to consider in the development of a new CAMA Extract Table. Assessor feedback on feasibility of fields statewide was provided.
- ✓ RIGIS Data Management Working Group met to discuss Statewide Parcel Initiative action items, goals, and next steps.

- ✓ Member of the National States Geographic Council ([NSGIC](#)) Parcel & Land Records Working Group which meets every two months to discuss developing National Parcel Strategic Goals and Resources which could help guide the RI Statewide Parcel Initiative.

Project 9.1: Vehicle Probe Transportation Dataset and Eastern Transportation Coalition

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 (see paragraph below). 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 Center for Advanced Transportation Technology Laboratory (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’s 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 conducted by RIDSP.

The data outputs produced have potential applications for many state and municipal agencies beyond those listed. This project also provides funding to support the State’s 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 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 the Division to purchase data at the membership rate and includes:

- Greater efficiency through coordination
- Mutual support and technical assistance
- Opportunities to learn from each other’s experiences
- Shared research and development and field testing
- Access to a network of peers

Project Agency Lead: RIDOT

Partner Agencies: RIDSP

Contact: Pamela Cotter, Christos Xenophontos, Linsey Callaghan

Schedule for Completion: This is an annual special task which supports many projects and activities throughout the UPWP.

Products / Deliverables:

- Transportation Dataset from INRIX and University of Maryland’s CATT Lab’s Regional Integrated Transportation Information Systems
- Data for all federally mandated RIDOT performance reporting

Project Cost (other than staff time): \$883,367

(\$258,046 FHWA; \$81,910 RIDSP; \$442,510 RIDOT match and SPR funding; \$121,434 FTA)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIPTA, RIDOT and RIDSP staff all use data regularly to help with planning, traffic management, performance reporting and operations
- ✓ HELP platform investigated for road closures and other emergencies; second demonstration in the works
- ✓ Regular reports coming on traffic signalization inventory performance

Project 9.2: Travel Demand Model Update and Maintenance

Project Description: Update and maintenance of the Rhode Island Statewide Model (RISM) is an ongoing function of the RIDSP along with its partner agencies with support from hired consultants. This includes data inputs/outputs, enhancements, and updates to the RISM. For FY 23, efforts will focus on:

- Maintain and enhance the RISM as directed and to reflect current data availabilities and integrate updated/extended forecasts and the latest planning assumptions
- Update:
 - The roadway network
 - Travel speed data from INRIX, FHWA’s National Performance Management Research Data Set (NPMRDS), and/or RIDOT’s traffic sensor database
 - Vehicle Miles Traveled (VMT) data utilizing RIDOT’s annual HPMS submission and/or data pulled from RIDOT’s road sensor database, MS2.
 - Incorporation of RIDOT Transit Rail Ridership Survey Information – Data from the RIDOT transit ridership survey of rail passengers on the MBTA line in Rhode Island will be incorporated into the RISM to improve the accuracy of the model, especially when combined with the data from the cell phone probe.
 - Run future year build/no-build scenarios

Project Agency Lead: RIDSP

Partner Agencies: RIDOT, RIPTA, RIDEM

Schedule for Completion: This project is an ongoing effort

Products / Deliverables:

- Fully functional transportation planning level use of RISM

Project Cost (other than staff time): \$226,100 (\$135,700 FHWA; \$45,200 FTA; \$45,200 RIDSP)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Completed report on stakeholder meetings from previous quarter
- ✓ Began scoping for a project to provide RIDOT with air quality analysis for major projects

Project 9.3: GHG Modeling Implementation Assessment

Transportation accounts for the largest share of Greenhouse Gas (GHG) emissions in Rhode Island, with passenger vehicles being primarily responsible for the pollution. RIDSP and RIDOT must adopt long-range transportation plans that reduce GHGs to set reduction levels. Current air quality measurements and travel demand models do not specify GHG levels as they pertain to transportation projects in the LRTP and STIP. Coordinate with RIDOT, RIDEM, and other state agencies to hire consultant support to identify programs, data, methods, and analysis needs, as well as staff level support to better account for mobile source emissions from the transportation sector. The deliverable is a set of 34 recommendations of data, modeling tools, software, and staffing resources needed to support the 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 Agency Lead: RIDSP

Partners: RIDOT, RIPTA, RIDEM

Schedule for Implementation: This project is expected to be completed in FY 2023 but is likely to lead to additional projects to implement recommendations.

Products / Deliverables:

- Assessment of Rhode Island's technology, data, process, tools, and staffing needs to implement a fully functional GHG modeling software and/or process to do project level modeling.

Project Cost (other than staff time): \$250,000 (\$60,000 FHWA; \$20,000 FTA; \$20,000 RIDSP; \$150,000 Other RIDOT funding from SPR program)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Staff from RIDSP, RIDOT, and RIDEM met several times to discuss how to best proceed to incorporate GHG / Air Quality Analysis into the State Transportation Improvement Plan and Long- Range Transportation Plan.
- ✓ RIDSP staff worked with Rhode Island State Travel Demand Model (RISM) consultant AECOM to develop a scope of work to add Air Quality (Greenhouse Gas (GHG)) modeling into their contract. Staff (RIDSP, RIDOT, and RIDEM) is currently in the process of reviewing the proposed added tasks to AECOM's contract.
- ✓ It is anticipated that staff (RIDSP, RIDOT, and RIDEM) will finalize the Air Quality scope of work in Q2 and proceed to work with AECOM on data gathering and development necessary to input into the RISM/Air Quality / GHG analysis.

Project 9.4: Environmental Data Center Partnership - RIGIS Geospatial Database

Overview: Utilizing the University of Rhode Island’s Environmental Data Center (URI EDC) as a subcontractor, this project will continue to maintain and update the Rhode Island Geographic Information System consortium’s data distribution clearinghouse (www.rigis.org). The primary function of this project is to continue developing new data and map services developed by RIGIS partners and to maintain the underlying software and hardware systems that support the clearinghouse. With the creation of many new hosted feature services within ArcGIS Online, it is now possible to create more advanced web mapping applications featuring RIGIS data and imagery. These web maps and web mapping applications will continue to allow users of all skill levels to access and interact with popular RIGIS datasets such as RIDOT roads, sea level rise datasets, and RIPTA bus stops and routes. Additional, detailed data may be obtained from a variety of sources to assist in developing more robust data sets. The geospatial data distributed by RIGIS supports numerous ongoing transportation and economic development planning initiatives.

Project Lead: RIDSP and URI EDC

Schedule for Implementation: This is an annual project that utilizes a contract with the University of Rhode Island to leverage GIS expertise to make data accessible and available to our staff, our partners, municipalities, and the public.

Deliverables:

- • Story Maps/Journals and apps featuring RIGIS map services
- • Approximately 25 new or updated datasets reviewed, processed, and published
- • Four quarterly updates of the publicly available Esri file geodatabases
- • Four quarterly blog posts summarizing RIGIS-distributed datasets
- • Responses to requests for technical assistance
- • Approximately 10 metadata records updated
- • Reliable access to the RIGIS data distribution website

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

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Republished non-vector data pages to allow Lidar and Imagery pages to be discoverable when searching on the RIGIS Data Hub.
- ✓ Created alternative format to frequently accessed blog posts. <https://info-rigis-edc.hub.arcgis.com/pages/blog>.
 - Adding RIGIS Hosted Feature Services
 - Analysis with Hosted Feature Service
 - Choosing Between ArcGIS Image or Hosted Tile service
 - Connecting to Image Services
 - Downloading data from Image Services
- ✓ Explored tools available to improve information sharing to RIGIS community
 - Created content for [Outreach and Education](#) group on Info Hub
 - Worked with L. Carlson, Outreach group, to facilitate Newsletter in new Experience Builder in HUB.

- ✓ Assisted in the development and publication of online map applications for interim products coming out of the 2022 RI Statewide enhanced QL1 Lidar.
 - An application highlighting the data was created and shared on Info.rigis.org
- ✓ Researched, tested, and successfully updated the URI EDC ArcGIS Enterprise system from version 10.8.1 to 10.9.1.
- ✓ Began testing the functionality of Esri ArcGIS Image for ArcGIS Online with both elevation and imagery data available from RIGIS.
 - The URI EDC is considering migrating RIGIS image services, currently directly hosted by its local ArcGIS Enterprise system, to this new offering from Esri.
- ✓ Quickly responded to and successfully recovered from an unexpected power outage impacting EDC servers at URI on September 8, 2022.
- ✓ Published or Updated 12 RIGIS datasets
 - WoodPawWildScenicRiver19 (RIDEM)
 - RI E911: Driveways, Hydrants, Roads, Sites (RIDOT / AK Associates)
 - RI Flood Hazard Areas Update (RIEMA)
 - Natural Heritage Areas (RIDEM)
 - 2022 Soils: Soils, Special Point Features, Special Line Features (NRCS)
 - Revised 2021 Summer Leaf-on Aerial Photographs (RIDOT)
 - 2022 Spring Leaf-off Aerial Photographs (RIDOT)
- ✓ Submitted technical assistance summaries that documented a total of 17 fulfilled requests.
- ✓ Attended quarterly RIGIS Executive Committee meeting on 9/15/2022
- ✓ Metrics:
 - 12 new or updated datasets published
 - 17 fulfilled technical assistance requests
 - 12 new or updated map, image, feature, and hosted services published
 - 0 metadata records updated
 - 12 ArcGIS Online records updated
 - Website statistics per Google Analytics:
 - RIGIS data clearinghouse (<https://www.rigis.org>)
 - 7,619 total users
 - 12,605 sessions
 - 40,814 page views
 - Average 3.24 pages viewed per session
 - RIGIS information & resources website (<https://info.rigis.org>)
 - 180 total users
 - 182sessions
 - 189 page views
 - Average 1 page viewed per session
 -
 - ArcGIS Enterprise service statistics per ArcGIS Monitor:
 - 10,769,423 transactions
 - Most popular services:
- ✓ Spring 2021 Digital Aerial Photographs, NAD83 RI State Plane feet (EPSG 3438) version

- ✓ Spring 2021 Digital Aerial Photographs, WGS84 Web Mercator (EPSG 102700) version
- ✓ Fall 2020 Digital Aerial Photographs, WGS84 Web Mercator (EPSG 102700) version

Quarter 1 Explanation of Project Delay

- ✓ Feasibility / efficiencies of enabling download of native projection of feature service instead of WGS84.
 - Task was paused until server upgrade was successfully completed.

Project 9.5: Municipal Planning Enhanced Education Requirement

Project Description: Staff will continue to deliver a curriculum of training consisting of educational programs for volunteer members of municipal planning and zoning boards and historic district commissions **as mandated by RI General Laws. For FY 23 this task will include:

- By December 31, 2022, the State Planning Council must adopt an amendment to the Council’s Rules for conducting education programs for members of municipal planning and zoning boards and historic district commissions. The Rules need to dictate appointment of a new advisory committee which will be overseen by Division staff. The Rules will also need to include a description of and procedures for applying for any exemptions as may be allowed under RI General Law.
- Staff will ensure that the advisory committee meets at least annually as mandated by RI General Law to consult with for preparation of and delivery of flexible training content. Staff will ensure that content for training may include at a minimum, but is not limited to, the topics outlined in RI General Law. Staff will ensure that training methodologies used are but, are not limited to, in-person training when possible, and remote learning options.
- Staff will prepare a schedule and offer on a quarterly basis through workshops the educational courses as mandated by RI General Law as follows: a three-hour introductory course on conducting public meetings and land use responsibilities
 - a one-hour continuing education course refreshing land use responsibilities and any potential legislative changes
 - a two-hour course concerning development in flood plains and sea level rise for planning board members to complete once every two years. Staff will use existing materials such as but not limited to workshops of PrepRI and other relevant materials for content.
 - If circumstances allow, staff will prepare, and offer a one-half day, in-person Statewide Planner’s Institute for local planning and zoning officials focusing on educational responsibilities ** required under RI General Law. This would be in person delivery of some of the courses identified above and or equivalent courses with compensation for outside expert speakers and allow local officials to have peer exchanges and networking.
 - Staff will ask training participants to evaluate the training conducted to gather additional information regarding understanding of materials and identify additional training needs. Staff will summarize the training conducted

and evaluations received in an annual report published at the end of each calendar year.

Project Agency Lead: RIDSP

Contact: Nancy Hess, Paul Gonsalves

Partner Agencies: R.I. Chapter-American Planning Association American Council of Engineering Companies-RI, Grow SmartRI, RI League of Cities and Towns, RI Builders Association, University of RI Coastal Resource Center, and Office of Housing and Community Development

Schedule for Completion: Ongoing effort through the duration of the UPWP

Products / Deliverables:

- Amended State Planning Council Rules for compliance with RIGL, specifically related to education and training requirements
- Appointment of a new advisory committee for compliance with RIGL
- An estimated 12 training courses = (3 course x 4 quarters)
- A one-half day in-person conference for a RI Planner's Institute
- Annual Report

**= Pending changes to Rhode Island General Law, proposed in 2022-H-7023A

Project Cost (other than staff time): RI Planner's Institute - \$7,500 (\$7,500 RIDSP)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Drafted an amendment to the Council Rules for compliance with Chapters 142 & 143 of the Rhode Island Public Laws of 2022 for creation of an advisory committee for education
- ✓ Introduced draft amendment to Rules and requested authorization for a public hearing at the August and September Council meetings
- ✓ Drafted and posted public notice in both in English & Spanish for hearing to be held next quarter on Secretary of State public meeting and Division websites
- ✓ Emailed notice of hearing to numerous contacts from a division database
- ✓ Began recruitment for an advisory committee for education
- ✓ Created 2 PowerPoints for conducting virtual training for municipal historic, planning and zoning boards
- ✓ Conducted 2 virtual training courses educating 18 participants consisting of community volunteers representing affordable housing, historic, planning, zoning, and economic development boards and municipal staff from 10 communities
- ✓ Conducted surveys of training participants for effectiveness and additional training needs

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.

Project 12.1 -Community Resilience and Planning

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.

Project Agency Lead: RIDSP

Partner Agencies: RIIB, RI municipalities

Contact: Roberta Groch

Schedule for Completion: This project is new in FY 2023, but is anticipated be developed as an annual project, to provide communities with limited resources the opportunity to access Division staff to assist with resilience projects.

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 Cost (Other than staff time):

\$75,000 (\$15,000 RIDSP; \$37,500- FHWA; \$22,500-FTA)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ Held several meetings with RI Infrastructure Bank staff regarding possible collaboration and arc of the project.
- ✓ Conducted research to find similar programs offered by other states or MPOs.
- ✓ Reviewed Municipal Resilience Program outcome summaries from RIIB to determine possible projects and communities to pilot an assessment program.
- ✓ Spoke to several municipal planners regarding the need in their community for a vulnerability assessment.
- ✓ Started to draft a project purpose statement and potential tasks for vulnerability assessments.

Activity 13 – Support to Other State Agencies and Municipalities

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

Special Task 13e - State Employee Commuting

Lead By Example: Help administration to develop a post-pandemic action plan to implement statutory requirements and develop transit, telework, and alternate mode opportunities for state employee commuting.

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ RIDSP staff expects that this project will begin in Q3 of FY2023, after the election and any potential changes or transitions.
- ✓ Public health concerns surrounding public transit are likely to hamper efforts to re-establish a state employee pilot program, particularly during winter months.
- ✓ An updated report examining the impact of telecommuting on employee commuting has been proposed.

Project 13.1: Local Active Transportation Technical Enhancements

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.

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.

Partner Agencies: RIDOT, RI municipalities

Contact: Roberta Groch

Schedule for Completion: This project is an ongoing, annual effort working with different municipalities to develop plans that align with SGP goals and objectives.

Products / Deliverables:

- This project is an ongoing, annual effort working with different municipalities to develop plans that align with SGP goals and objectives.

Project Cost (other than staff time): \$285,000
(\$121,000 FHWA; \$46,000 FTA; \$118,000 municipal match)

Quarter 1 Accomplishments (or explanation of project delay)

- ✓ The project management team completed its review of the draft Newport TMP and provided comments to the consultant.

- ✓ The consultant, Toole Design Group Project Manager, presented staff with a “Closeout Budget” for allocating the spending on the final ten percent of project funds to complete the project by the end of the calendar year.
- ✓ Two invoices were processed this quarter and eighty-five percent of project funds: the project on time and on budget.
- ✓ In October, the draft Newport TMP will be released to the public on the City of Newport website: public comment on the Plan draft will run through mid-November 2022. Newport will then begin its Plan adoption process in late Fall/early Winter.

PART II – FINANCIAL REPORTS

Statewide Planning
 Dept. of Administration
 Expenditures by Funding Source
 September FY 2023

Account Number	Account Name	FY 2021 Budget	YTD Budget	YTD Expense	Variance
1170102/1165101	Systems Planning	681,701	170,425.25	151,959	18,466
1165101	EFSB	42,280	10,570.00		10,570
	CBO	21,942	5,485.50	2,500	2,986
1171101	FTA	718,033	179,508.25	139,661	39,847
1170101	FHWA	1,876,632	469,158.00	392,035	77,123
	Sub Total	3,340,588	835,147	686,156	148,991

Contractual and Pass Thru Grants

Match	OTHER	913,140	228,285.00	36,000	192,285 *
Match	URI	14,999	3,749.75	-	3,750 *
Match	RIPTA	57,400	14,350.00	3,400	10,950 *
Match	RIDOT	358,695	89,673.75	66,489	23,185 *
1165101	SWP	294,521	73,630.25	16,537	57,093
1171101	FTA	667,192	166,798.00	20,943	145,855
1170101	FHWA	1,359,665	339,916.25	280,994	58,922
	Sub Total	2,321,378	580,345	318,474	261,871
	Grand Total	5,661,966	1,415,492	1,004,630	410,862

* Match component not included in totals

**Statewide Planning
Expense Distribution - Breakout
Fiscal Year 2022
As of September 30, 2022**

Account #		Total	1171101				1170101		1170102	1165101
			SPP	FTA	FHWA	EFSB	CBO	SPP Gas Tax	SPP General	
611000	Regular Wages	0.652	380,202.48	85,535.08	90,099.69	202,937.71	-	1,630.00	65,405.53	57,376.23
616200	Family Medical Insurance Coverage	0.0012	700.08	157.50	165.90	373.68	-	3.00	91.35	66.15
619000	Family Medical Waiver Bonus		-	-	-	-	-	-	-	-
620100	Payroll Accruals	0.1412	82,376.07	18,532.38	19,521.37	43,969.32	-	353.00	10,748.78	7,783.60
620700	Employees Retirement- State Contribution	0.0008	466.72	105.00	110.60	249.12	-	2.00	60.90	44.10
621110	Social Security (FICA)	0.048	28,003.20	6,299.96	6,636.16	14,947.08	-	120.00	3,653.98	2,645.98
624110	Medical Insurance	0.0873	50,930.81	11,458.05	12,069.52	27,185.00	-	218.25	6,645.67	4,812.38
624120	Dental Care	0.0058	3,383.72	761.25	801.87	1,806.11	-	14.50	441.52	319.72
624130	Vision Care	0.0009	525.06	118.12	124.43	280.26	-	2.25	68.51	49.61
624210	Retirees Medical Insurance		-	-	-	-	-	-	-	-
625200	Worker's Compensation Payment		-	-	-	-	-	-	-	-
626100	Assessed Fringe	0.0253	14,760.02	3,320.60	3,497.81	7,878.36	-	63.25	1,925.95	1,394.65
626300	Retiree Health Insurance	0.0378	22,052.52	4,961.22	5,225.98	11,770.82	-	94.50	2,877.51	2,083.71
Total Personnel		1.0003	583,400.68	131,249.16	138,253.33	311,397.44	-	2,500.75	91,919.70	76,576.15
637100	Clerical Services		-	-	-	-	-	-	-	-
633001	Training / Education		-	-	-	-	-	-	-	-
637300	Other Temporary Services		-	-	-	-	-	-	-	-
634001	Design/Surveying		-	-	-	-	-	-	-	-
631200	Management Consultants		-	-	-	-	-	-	-	-
634300	Surveyor Services		-	-	-	-	-	-	-	-
634500	Other design,Engineering		-	-	-	-	-	-	-	-
641001			-	-	-	-	-	-	-	-
641300	Maintenance Repairs: Software		-	-	-	-	-	-	-	-
641400	Maintenance Repairs: Office Equipment		513.60	128.40	77.04	308.16	-	-	-	-
641600	Maintenance Repairs: Other Equipment		-	-	-	-	-	-	-	-
643030	Food		-	-	-	-	-	-	-	-
643110	Office Supplies: (Less than 5,000)		416.94	-	-	416.94	-	-	-	-
643120	Computer Supplies		-	-	-	-	-	-	-	-
643150	Program Supplies (Less than 5,000)		-	-	-	-	-	-	-	-
643200	Dues/Fees		72,635.36	1,372.87	-	71,262.49	-	-	-	-
643300	Subscriptions		-	-	-	-	-	-	-	-
645310	Rent		-	-	-	-	-	-	-	-
643410	Postage and Postal Services		380.83	380.83	-	-	-	-	-	-
643420	Express Delivery		-	-	-	-	-	-	-	-
643430	Freight		-	-	-	-	-	-	-	-
643440	Central mailing		-	-	-	-	-	-	-	-
643614	Other Advertising		-	-	-	-	-	-	-	-
643611	Print Advertising		-	-	-	-	-	-	-	-
643620	Printing- Outside Vendors		-	-	-	-	-	-	-	-
643700	Miscellaneous Expenses		0.69	0.69	-	-	-	-	-	-
643710	Staff Training		925.00	275.00	-	650.00	-	-	-	-
634510	Electricity		-	-	-	-	-	-	-	-
643801	Insurance		-	-	-	-	-	-	-	-
660010	Building Renovations and Upgrades		-	-	-	-	-	-	-	-
645510	Rental/Electric		-	-	-	-	-	-	-	-
645310	Rental/Property		-	-	-	-	-	-	-	-
646200	Mileage Allowance- Personal Cars		177.14	23.17	-	153.97	-	-	-	-
646301	Out of State Travel		-	-	-	-	-	-	-	-
646310	Out of State Transportation		-	-	-	-	-	-	-	-
646320	Out of State Lodging		2,330.08	-	-	2,330.08	-	-	-	-
646330	Out of State Registration		-	-	-	-	-	-	-	-
646340	Out of State Other		725.00	-	-	725.00	-	-	-	-
646400	Other Travel Costs		376.93	-	-	376.93	-	-	-	-
648110	Central Telephone		-	-	-	-	-	-	-	-
648200	Telephone Charges		41.53	41.53	-	-	-	-	-	-
648112	ISF Overhead		3,687.78	3,687.78	-	-	-	-	-	-
649120	Fees- Single Audit		-	-	-	-	-	-	-	-
654130	Sub Awards		318,474.19	16,536.68	20,943.11	280,994.40	-	-	-	-
647900	DOIT Billing		13,890.58	13,468.86	-	421.72	-	-	-	-
661605	Furniture/Equipment		-	-	-	-	-	-	-	-
661701	Computer Equipment		6,654.40	1,330.88	1,330.88	3,992.64	-	-	-	-
662150	Capital Lease		-	-	-	-	-	-	-	-
699200	Authorized Red Balances		-	-	-	-	-	-	-	-
Total Non Personnel			421,230.05	37,246.69	22,351.03	361,632.33	-	-	-	-
Grand Total			1,004,630.73	168,495.85	160,604.36	673,029.77	-	2,500.75	-	-

Statewide Planning
 Department of Administration
 Monthly Cost Accounting
 September 2022

Activity Number	Task Title	FY 2023 Personnel Budget	Total Personnel Expended	% of Budget (September 25%)
Activity 1	Management and Administration	554,179	164,898.12	29.76%
Activity 2	State Transportation Improvement Program	224,701	27,401.52	12.19%
Activity 3	State/Regional Transportation Operations, Management, and Planning Coord.	108,659	21,243.88	19.55%
Activity 4	Transit Planning	15,303	1,539.41	10.06%
Activity 5	Freight Planning Implementation	95,991	14,574.60	15.18%
Activity 6	Transportation Planning, Bicycle and Pedestrian Mobility	168,769	22,276.19	13.20%
Activity 7	Long Range Land Use and Transportation Planning	177,812	31,059.89	17.47%
Activity 8	Intergovernmental Coordination	56,374	30,570.90	54.23%
Activity 9	Planning Information and Education	467,508	29,755.92	6.36%
Activity 10	Public Information and Outreach	184,157	18,228.44	9.90%
Activity 11	Title VI and Environmental Justice	104,809	18,568.02	17.72%
Activity 12	Climate Change, Resiliency, Adaptation and Mitigation	149,350	36,837.21	24.67%
Activity 13	Support to Other State Agencies and Municipalities	75,036	16,888.25	22.51%
Activity 14	Special Projects and Activities Not Federally Funded	1,733	-	0.00%
Activity 15	Energy Facility Siting Board	38,680	-	0.00%
Activity 16	Census and Data	159,858	21,488.37	13.44%
ICAP	ICAP (Paid Leave - See Appendix D)	473,226	128,069.97	27.06%
Total		3,056,145	583,400.68	19.09%