



**CITY OF WARWICK**

**JOSEPH J. SOLOMON, MAYOR**

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November 14, 2019

Rhode Island Department of Administration  
Division of Planning  
Associate Director Meredith E. Brady

Dear Director Brady:

In accordance with the RI Comprehensive Planning and Land Use Regulation Act I am pleased to submit the City of Warwick's **5-Year Implementation Assessment Report**. The City's Comprehensive Plan has been instrumental in guiding local land use decisions in a manner that not only supports and enhances the business climate, but also improves the quality of life for our residents and visitors alike.

We are very pleased with what we have been able to accomplish in a relatively short-period of time since the Plan was adopted. The ability to work on the implementation of the Plan over a ten-year period provides consistency of vision and focus, and also allows the dedication of sustained implementation effort and resource allocation over a prolonged period of time. Our experience with the transition from the 5-year to the 10-year Plan is extremely positive.

Prior to the submission of this report, Planning Department staff presented the update at a public meeting of the Planning Board (October 9, 2019). Planning Staff delivered a summary update presentation to the Board and held a discussion with the Board on the progress made in the Plan and a discussion of the vision and goals contained within. After a productive meeting, the Planning Board voted unanimously to ***"reaffirm the vision and goals, as contained within the Comprehensive Plan and to recommend that this 5-year report be submitted to the Rhode Island Division of Statewide Planning with no amendments."***

Attached to this document is a summary of key implementation actions that have been completed during the last 5-years, followed by an assessment and a complete progress report identifying the progress status for each public action.

Should you have questions on the report or require additional information, please contact Dan Geagan, Principal Planner/GIS Coordinator at (401) 921-9685 or via email at [daniel.t.geagan@warwickri.com](mailto:daniel.t.geagan@warwickri.com).

Sincerely

William DePasquale, AICP  
Chief of Staff/Director of Planning

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## **PART I. 5-Year Implementation Assessment: Key Accomplishments**

### **Blueways Trails Initiative:**

Plan Implementation Reference: Chapter 5 1.F.6

Action Status: Complete

*Developed a series of recreation Blueway Trail Maps designed to enhance recreational opportunities in local waterways. The Blueways project originated when the National Park Service and the Rhode Island Rivers Council developed a plan to create a comprehensive water trail network to link Rhode Island's rivers, lakes and ponds to Narragansett Bay to promote safety, conservation recreation and economic development. Warwick's seven (7) maps are available at [www.exploreri.org](http://www.exploreri.org).*

### **Historic Preservation Incentive: 15-Year Tax Stabilization Agreement**

Plan Implementation Reference: Chapter 6 1.B.2

Action Status: Complete

*The City adopted a 15-Year Tax Stabilization for properties located within Historic District. This incentive was a critical element in allowing the \$35 million rehabilitation and preservation of the Pontiac Mill (National Register Property) located on Knight Street in the Pontiac Historic District. With the adoption of the local incentive, the Mill was able to be preserved and currently is a mixed-use development with residential loft space with supportive first floor businesses.*

### **Geographic Implementation System:**

Plan Implementation Reference: Chapter 9 2.A.3

Action Status: Complete/Ongoing

*The City completed the conversion of over 40,000 parcels of land to a digitized assessor's parcel database that is updated annually and linked to the CAMA database. The City intends to move towards a more frequent monthly updating of the parcels and "live-linking" ownership and data fields to provide additional efficiencies and benefit to the general public. As part of the conversion process, the City also advanced the effort by also digitizing the City Zoning Map.*

*Data is now viewable by the general public 24/7 via a WebGIS platform with tools that allow buffer maps and address list generation. Recent improvements include adding additional layers to allow residents, business and real estate interests the ability to overlay sewer lines, flood zones and drainage layers. From a resource and water quality perspective, the Sewer layer also depicts properties that are connected to sewers and connect-capable properties that are currently not tied in to the system.*

*The City has converted over 40,000 land parcels from hand-drawn paper maps to digital, GIS based parcel maps. In addition, the City has launched a WebGIS page and continued implementation by digitizing the City Zoning Map, Sewer lines and storm drain system, complete with outfalls.*

### **Coronado Road Pedestrian Enhancement Project:**

Plan Implementation Reference Chapter 9 1.B..2.

Action Status: Complete

*The City of Warwick worked closely with RIDOT and Federal Highway to obtain funding for Coronado Road pedestrian-friendly improvements. \$3.8 million in state and federal grant funds were applied to enhancing safety and accessibility of the road linking TF Green Airport along Post Road and the InterLink. The Coronado Road pedestrian enhancement project included sidewalk rehabilitation, installation of pedestrian signal equipment, reconstruction of wheelchair ramps, and improvements to the visibility of the crosswalks by using a stamped brick pattern. The project also includes guardrail and drainage improvements, new landscaping and resurfacing the entire road.*

**Coronado Road: BEFORE/AFTER**

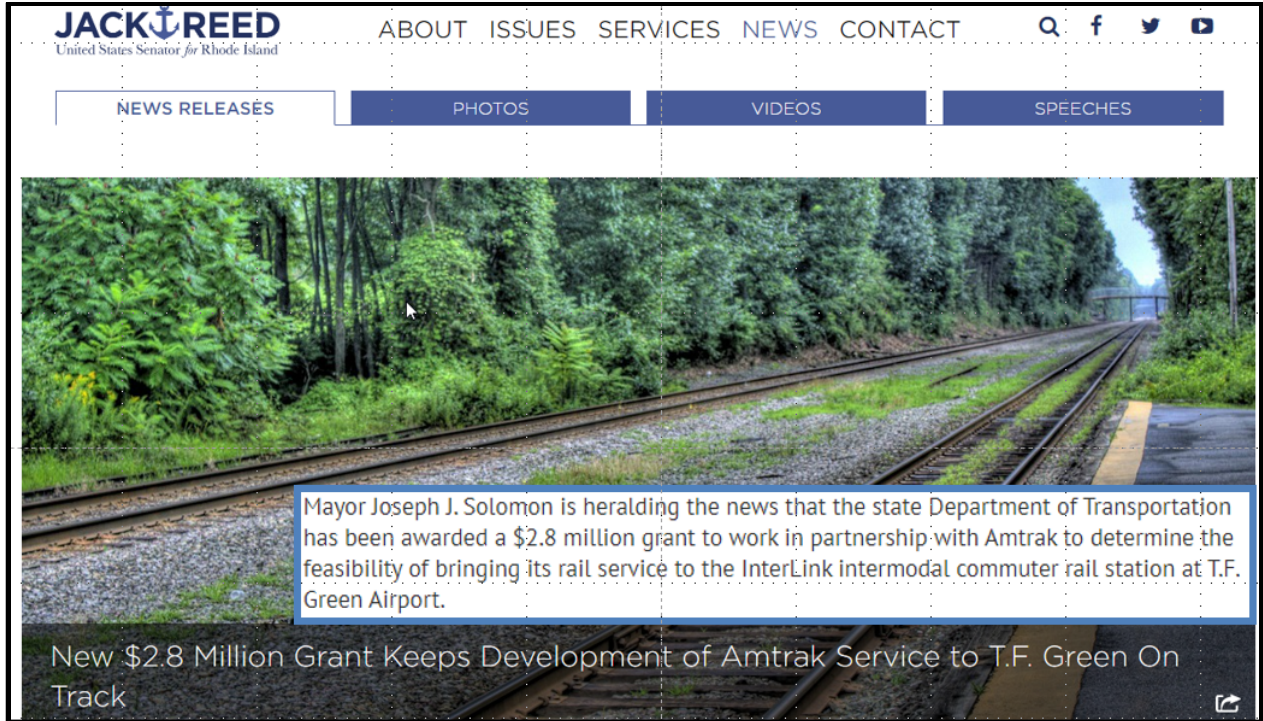


**Support of Rail Expansion: Amtrak**

Plan Implementation Reference Chapter 9: Goal 5 A. 5

Action Status: In Progress and Ongoing

*Although this is identified as a long-term goal within the Comprehensive Plan, both Mayor Solomon and the State of Rhode Island recognize the tremendous potential of further integrating additional transit choices at TF Green Airport and make this a truly unique global transportation center. Mayor Solomon worked with DOT and the federal delegation to support the RIDOT effort to obtain the recently announced \$2.8 million grant to work in partnership with Amtrak to determine the feasibility of bringing Amtrak service to the InterLink intermodal center in City Centre Warwick. This area is a priority economic development growth center for the City, centered on the robust transit choices available at this modern transit hub.*



**City Centre Warwick Design Manual**

Plan Implementation Reference Chapter 9 1.B.2.

Action Status: Complete

*The Design Manual is intended as a guide for the City of Warwick’s Planning Board, serving as a tool that will assist in articulating goals for the entire District. Projects that contemplate complete new development or major redevelopment should use this guide to understand the goals for building placement, architectural character, massing, and form, as well as the goals related to the streetscape, public realm, and screening of areas such as parking lots and/or structures. The manual is available at [www.citycentrewarwick.com](http://www.citycentrewarwick.com).*



The Design Manual has been used successfully on large and small scale projects to guide development design for consistency with the City Centre Warwick Master Plan and Comprehensive Plan. A notable

example is the recently opened (June 2018) Hyatt Place Hotel. The developer used the manual to focus on connectivity and the pedestrian experience, which included a formal, recessed garden and a direct connection to the InterLink commuter rail station from the hotel. Other elements included outdoor areas and placement of the structure to be compatible with the Design Manual Block Structure and Massing Section.

Hyatt Place Hotel: Before /After



**Sustainable Warwick: Renewable Energy:**

Plan Implementation Reference Chapter 11 .1.D

Action Status: Complete/Ongoing

*9.6 Mega Watts of renewable energy projects on private property. Supported reuse of land on Kilvert Street with a Recognized Environmental Condition (REC) by allowing sustainable reuse through 15,500 solar panels which is helping to meet Rhode Island's Clean Energy Goal of 1,000 megawatts of clean energy projects by the year 2020. This project will produce clean energy to power Warwick's municipal buildings or approximately 1,100 homes for a year. The second solar park located on about 10 acres, which is also complete, is on West Shore Road adjacent to the railroad underpass in Apponaug. This park, consisting of 2,600 panels, projected to enough electricity to power about 200 homes for a year.*



**Hazard Mitigation Plan Update:**

Plan Implementation Reference Chapter 11 4.A.1

Action Status: Complete

*The City Hazard Mitigation Committee completed the required Plan Update and submitted it to the Warwick City Council for review and consideration. Mayor Solomon officially executed legislation R-19-100 requesting that the Plan be forwarded to both the Rhode Island Emergency Management Agency and the Federal Emergency Management Agency for review and conditional approval. The Plan was formally submitted to RIEMA by the Emergency Management Director of the City of Warwick on August 23, 2019. Post FEMA approval, the City will seek to formally adopt the Plan by Resolution and City Staff will then seek to implement the Plan by seeking Pre-Disaster Mitigation grant funding for projects that are consistent with the goals of the Hazard Mitigation Plan.*

**Resiliency/Adaptation: Severe Repetitive Loss Structure Elevation:**

Plan Implementation Reference Chapter 11 5.C.6.

Action Status: Complete/Ongoing

*The pilot property was 11 Harris Avenue, located along Warwick Cove. The City worked to utilize grant funding to remove the living area from the flood hazard area and in addition, provide the property with 3.5' of freeboard to allow additional elevation to accommodate expected future Sea Level Rise. The project also utilized flood vents in the foundation to allow flow-through passage of floodwater. The homeowner provided the matching grant funds, allowing a public-private partnership resulting in reduced risk, and reduced vulnerability.*

**11 Harris Project Photos**



**PART II. ASSESSMENT**

In accordance with the 5-year implementation reporting requirements, the following is a detailed assessment report that includes a thorough list of all 297 implementation actions and the progress related to each action, identification of obstacles where relevant and a final assessment of Plan status relative to the goals and objectives contained within the Plan.


Chapter 13 (*Stewardship and Implementation*) of the Plan contains 297 Implementation Actions. The following tables summarize the progress of actions by Plan section and Plan chapter. Each action’s progress status is categorized as one of the following:

1. Complete (green checkmark);
2. In-Progress/Ongoing (blue checkmark); or
3. Not-Started/No Action (orange checkmark).

The majority of the action items are marked as “in-progress/ongoing action”. This designation signifies that substantial progress has been completed and/or the action is standard operating practice/policy. Many of these actions are continuous and therefore do not have a determinate completion point, and are thus ineligible for “action complete” status. Certain ongoing actions also have been issued a green checkmark (in addition to blue), this secondary designation indicates an ongoing action where substantial actions have been completed. Finally orange signifies an action that has not been started or is in a preliminary stage. For reporting purposes, all action items that have yet to be started have been further identified by their action status relative to short, medium, or long-term action. Any short-term action that has not been started has been further detailed by action number, with a brief description of any obstacles related to the individual action.

To reiterate, Table 1 (below) is a summary table of the attached report depicting a tabulation of individual actions for each Plan Part and Chapter relative to the progress made over the course of the five-year period.



**Table 1. Summary Tabulation of Implementation Actions\***

	Completed ✓	In-Progress/ Ongoing ✓	Not Started ✓
<b>PART II - NATURAL AND CULTURAL RESOURCES</b>			
<b>Chapter 4: Natural Resources</b>	2	33	2
<b>Chapter 5: Parks/Open Space</b>	2	28	6
<b>Chapter 6: Historic/Cultural</b>	1	9	10
<b>PART III - LIVABLE NEIGHBORHOODS</b>			
<b>Chapter 7: Housing/Neighborhoods</b>	3	15	10
<b>PART IV PROSPEROUS CITY</b>			
<b>Chapter 8: Economic Development</b>	6	34	10
<b>PART V - SUSTAINABLE SYSTEMS</b>			
<b>Chapter 9: Transportation/Circulation</b>	7	33	0
<b>Chapter 10: Public Facilities/Services</b>	3	25	1
<b>Chapter 11: Sustainability/Resilience</b>	8	16	7
<b>PART VI - THE FUTURE CITY</b>			
<b>Chapter 12: Future Land Use /Zoning /Design</b>	7	15	15
<b>Chapter 13: Stewardship and Implementation</b>	2	7	1

*\*Note total exceeds number of actions as some actions have been assigned multiple checkmarks indicating (for example) an ongoing and continuous action that has also seen significant components completed or significant projects completed.*

As referenced in the above narrative, Table 2., (below) is a refinement of the tabulated data in Table 1, specific to actions that have had limited or no progress to date. Many of these identified actions are medium and long-term actions that are not scheduled to be completed within the 5-year reporting schedule. The specific actions reported in the attached document with orange check marks and summarized in Table 1. as “not started” have been further identified as short, medium or long-term actions. Those actions that are identified within the Plan as short-term completion (2013-2018) actions are then addressed individually in the following narrative.

**Table 2. Summary of Actions Not Started (Column 5 in above Table)**

		Short Term	Medium Term	Long Term	Ongoing
		2013-2018	2019-2023	2024+	2013 – 2033
<b>PART II - NATURAL AND CULTURAL RESOURCES</b>					
<b>Chapter 4: Natural Resources</b>	2	0	1	1	0
<b>Chapter 5: Parks/Open Space</b>	6	0	4	1	1
<b>Chapter 6: Historic/Cultural</b>	10	0	8	1	1
<b>PART III - LIVABLE NEIGHBORHOODS</b>					
<b>Chapter 7: Housing/Neighborhoods</b>	10	2	7	1	0
<b>PART IV PROSPEROUS CITY</b>					
<b>Chapter 8: Economic Development</b>	10	2	2	6	0
<b>PART V - SUSTAINABLE SYSTEMS</b>					
<b>Chapter 9: Transportation/Circulation</b>	0	0	0	0	0
<b>Chapter 10: Public Facilities/Services</b>	1	1	0	0	0
<b>Chapter 11: Sustainability/Resilience</b>	7	2	4	1	0
<b>PART VI - THE FUTURE CITY</b>					
<b>Chapter 12: Future Land Use /Zoning /Design</b>	15	10	3	1	0
<b>Chapter 13: Stewardship and Implementation</b>	1	0	0	0	0

Summary of Table 2. Short-Term Actions Not yet complete – and Obstacle Identification

**Chapter 7: Housing/Neighborhoods**

1.A.2 and 1.A.3. Actions related to new “Mixed-Use Zoning”: Both actions were listed as short-term actions in the Comprehensive Plan. Actions are not completed, but have been discussed multiple times internally amongst staff, other priority needs have directed resources elsewhere. Primary obstacle is staff resources/funding. No Plan amendment required.

**Chapter 8: Economic Development**

1.E.7 and 2.A.4. Overlay District for Route 2 and Tax Increment Financing in neighborhood commercial districts. Both actions remain relevant; Staff is currently focused on completing Zoning Ordinance updates relative to short-term rentals, solar energy and marijuana. Primary obstacle is allocation of staff resources/funding. No Plan amendment required.



## **Chapter 10: Public Facilities/Services**

2.B.2 Action related to mandatory sewer connection program. This Action no longer relevant as the City does not have a mandatory sewer tie in requirement. This action item will be removed in the 2023 update.

## **Chapter 11: Sustainability/Resilience**

1.C.3 Action recognizing businesses for sustainable practices. The City lauds energy conservation efforts by businesses through various avenues, no formal program is established. City will continue current practices and retain this as a viable future action. No amendment required.

1.D.3. Action relates to reducing barriers to green development and incentivizing. City has completed parts of this action (i.e. CCW) however a citywide formalized program has not been developed. Action remains relevant. No Plan amendment required.

## **Chapter 12: Future Land Use /Zoning /Design**

*1.B (1. & 2): 1.C.1* All three Actions relate to Zoning Ordinance Amendments. Again, staff currently completing other pressing updates. Primary obstacle is staff resources. Actions remains relevant. No Plan amendment required.

2.A.1, 2.B1,3 & 4. Actions relate to mixed-use overlays. Action completed for CCW, however not for other corridors. Actions remain relevant. Primary obstacle is staff resources. No Plan amendment required.

5.1 & 2. Action is same as above – mixed-use zoning overlay. Action remains relevant. No amendment required.

8.A.4 Action to be completed by others (Rhode Island Airport Corporation). Outstanding issue that has been conveyed to RIAC. Obstacle is that this action is a dependent upon a third party. No Plan amendment required.

### **PART III. CONCLUDING ASSESSMENT**

This report has been completed by the Planning Department in cooperation with Department Directors and staff. As a reminder, it is important to note that the City of Warwick’s Comprehensive Plan was approved by the Rhode Island Division of Statewide Planning on August 17, 2014, and as such, was drafted without the guidance contained within Rhode Island Comprehensive Planning Standards Manual as adopted by the State Planning Council on January 14, 2016 (with revisions June 14, 2018).

Relative to the 5-year assessment report, the Planning Board and the Planning Staff are satisfied that the City has made significant and substantial actions relative to the implementation of the Comprehensive Plan and meeting its goals and objectives. The super majority of actions are considered in-progress, many of which are ongoing and best operating practices relative to Land Use. Based upon the 5-year Assessment, the only identified obstacles relate to utilization of staff resources relative to the tremendous body of work contained within the Plan. **To that end the Planning Board has made a determination that there is no need to modify the implementation program as contained within the Plan as the goals and objectives are effectively being achieved.**

### **PART IV. INDIVIDUAL ACTION PROGRESS ASSESSMENT** (Attached)

THE 5-YEAR IMPLEMENTATION ASSESSMENT REPORT Not more than five years after the adoption of a comprehensive plan, the municipality is required to prepare and submit to the Division of Planning a 5-Year Implementation Assessment Report. The Implementation Assessment Report is intended to assist the municipality and the State in determining which implementation activities have been successful and which require additional assistance and/or resources. The 5-Year Implementation Assessment Report must include: • A list of all of the public actions included within the Implementation Program of the comprehensive plan that were identified as being completed or underway within five years; • For each public action, identification of the progress made over the course of the five-year period; • For each public action, identification of any obstacles to progress; and • An assessment as to whether any modifications of the implementation program are needed in order to achieve the goals and objectives of the comprehensive plan.

## CITY OF WARWICK COMPREHENSIVE PLAN 2033 THE 5-YEAR IMPLEMENTATION ASSESSMENT REPORT





*State of Rhode Island and Providence Plantations*



**CERTIFICATE OF STATE APPROVAL OF  
THE COMPREHENSIVE PLAN FOR THE**

**CITY OF WARWICK**

In accordance with Chapter 45-22.2 of the General Laws of Rhode Island entitled the "Rhode Island Comprehensive Planning and Land Use Regulation Act", the *City of Warwick Comprehensive Plan 2013-2033, 21st Century Warwick: City of Livable Neighborhoods* as adopted by the City Council on April 17, 2014 has been approved.

This approval shall be in effect until August 17, 2024

This comprehensive plan shall guide all municipal land use decisions and, with this approval, Warwick is eligible for all benefits and incentives conditioned on an approved comprehensive plan pursuant to Chapter 45-22.2, and is allowed to submit the approved comprehensive plan or relevant section thereof to any state agency which requires the submission of a plan as part of its requirements.

A handwritten signature in black ink, appearing to read "Kevin M. Flynn".

Kevin M. Flynn

Associate Director, Division of Planning

# WHAT'S IN THE 2013 CITY OF WARWICK COMPREHENSIVE PLAN?

## IMAGINE ► PLAN ► ACT

The Comprehensive Plan covers a broad range of topics in 13 chapters about current trends, the planning process and all aspects of community life that affect the way our city can develop in the future.

### IMAGINE:

#### WHAT KIND OF PLACE DO WE WANT TO BE IN THE 21ST CENTURY?

- *Part I: Setting the Stage.* Our vision for the future, guiding principles for planning, the public process, and where we are starting from today.

### PLAN:

#### HOW DO WE GET THERE? STRATEGIES TO ACHIEVE THE VISION.

- *Part II: Natural and Cultural Resources*
- *Part III: Livable Neighborhoods*
- *Part IV: Prosperous City*
- *Part V: Sustainable Systems*

### ACT:

#### HOW DO WE GET STARTED?

- *Part IV: The Future City*

### PART I – SETTING THE STAGE

Chapter 1: The Vision for 21st Century Warwick

Chapter 2: The Community Speaks

Chapter 3: Population and Land Use Trends

### PART II – NATURAL AND CULTURAL RESOURCES

Chapter 4: Natural Resources

Chapter 5: Parks, Open Space and Recreation

Chapter 6: Historic and Cultural Resources

### PART III – LIVABLE NEIGHBORHOODS

Chapter 7: Housing and Neighborhoods

### PART IV – PROSPEROUS CITY

Chapter 8: Economic Development

### PART V – SUSTAINABLE SYSTEMS

Chapter 9: Transportation and Circulation

Chapter 10: Public Facilities and Services

Chapter 11: Sustainability and Resilience

### PART VI – THE FUTURE CITY

Chapter 12: Future Land Use, Zoning and Urban Design

Chapter 13: Stewardship and Implementation

## THE CITY OF WARWICK'S VISION FOR 2033

*Twenty-first century Warwick is a connected, sustainable, and prosperous coastal city of livable neighborhoods and walkable villages—a community that honors and preserves the best from its past, protects and enhances its environment of water and land, provides varied housing opportunities for people across the age and income scale, and supports an increasingly diversified economy. We are strengthening our city and our community to meet the needs of current and new generations of Warwick residents, within the context of our traditions, history, and maritime heritage.*

- Our village centers are pedestrian friendly and mixed use, include new housing opportunities, and serve neighborhoods with attractive retail and services. They add new living options to our traditional suburban neighborhoods of single family homes.

- The Warwick Station district, now known as City Centre Warwick, is a vibrant live-work-play growth hub with mixed-use, transit-oriented development.
- We have invested in transportation improvements and amenities to make Apponaug Village the city's center of civic life, anchored by city hall, the Warwick Museum, a new community gathering place, and celebration of our connection to the water at Apponaug Cove and through the daylighting of Hardig Brook.
- We are protecting and enhancing the overall quality of life in all the city's neighborhoods; continuing to be vigilant in monitoring noise, air, and water quality around the airport; and providing methods to remediate minimum housing violations and reconcile derelict properties.
- We are connecting neighborhoods, parks, schools, village centers, ponds and coastline to one another by green-

ways, pedestrian links, and bicycle routes, in order to create more transportation choice in getting around the city.

- We are committed to a diversity in land use that promotes a strong, stable tax base, including preserving industrially zoned land for non-retail uses.
- We are investing to keep our regional retail destinations competitive, to modernize and transform our neighborhood commercial districts, to make the intermodal station district a new city center and hub of economic growth, and to attract new opportunities, such as advanced manufacturing.
- We are committed to preserving and enhancing the city's open space, recreation and water resources, improving the utility of these properties for the community while promoting economic development and public-private partnerships that provide

revenue for ongoing maintenance and infrastructure improvements.

- We are making more sustainable choices about how we manage the impacts of development on our streams, ponds, wetlands, and coastal waters because we understand how our actions on land affect water quality and flooding. We are implementing a coordinated program to manage stormwater, impervious surfaces, wastewater, and landscape practices so that all our waters will once again be clean for fish and shellfish, for recreation, and for commercial purposes. Warwick's coastal waterfront is one of our most precious assets, but we know we must plan for the likelihood of sea level rise in this century.

*Twenty-first-century Warwick combines the best of traditional suburban life with the amenities of village centers, affordable access to the coast, convenience to travel hubs, and a forward-thinking community.*



## Stewardship and Implementation

**FROM A WARWICK RESIDENT**

*“If we invest in our city, the city will give back”*

- Invest in a **GIS** system and an asset management system to manage city-owned property efficiently.

**Actions**

- Establish a **GIS** program, starting with the data and maps created for the Comprehensive Plan.

The program will need to include training for at least one existing employee or hiring of a **GIS** specialist. Expansion of **GIS** data and capabilities can take place incrementally.

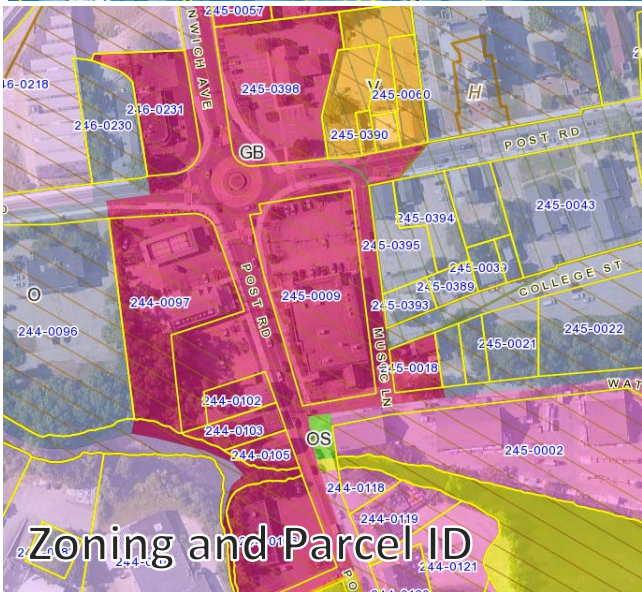
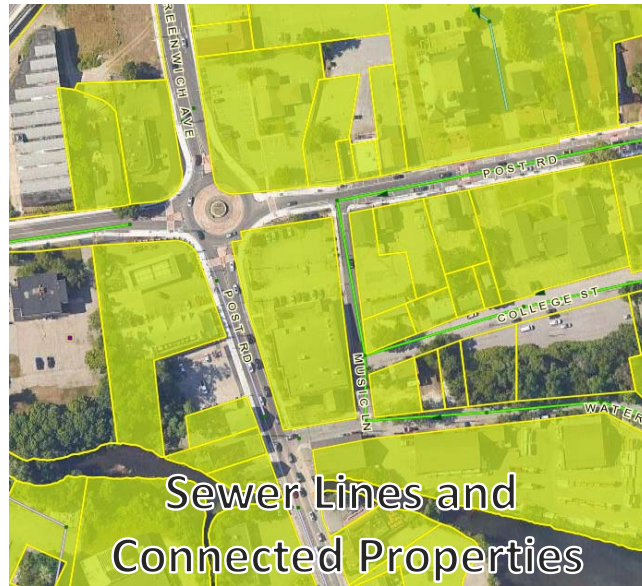
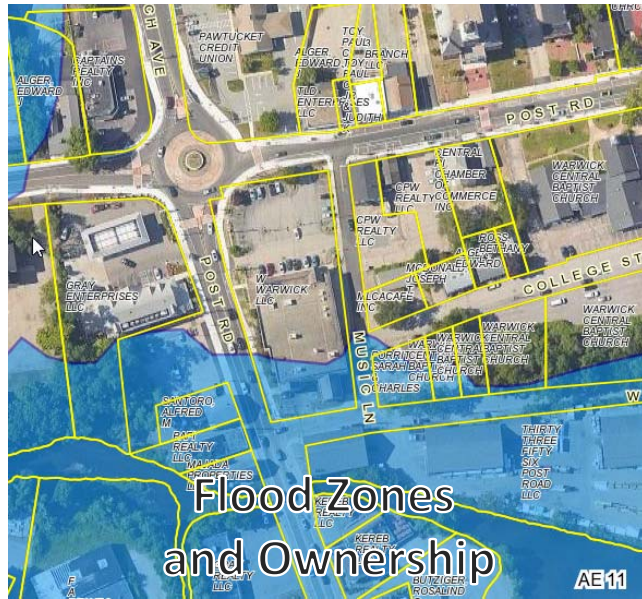
<b>HIGH PRIORITY</b>	<ol style="list-style-type: none"> <li>Establish a <b>GIS</b> program, resources and staff starting with the data and maps created for the Comprehensive Plan and City Center Warwick.</li> </ol>	Mayor's office; Planning; MIS	Short term
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Chapter 9—Transportation and Circulation					
	High Priority	Short-term actions (2013-2018)	Medium-term actions (2019-2023)	Long-term actions (2024 and beyond)	
GOAL	WHAT	HOW	WHO	WHEN	RESOURCES
1. The City of Warwick is a model for efficient and flexible multimodal transportation.	A. Require that pedestrian movement, bicycle transportation, accessibility for the disabled, and streetscape aesthetics be incorporated in the design of roadway construction/reconstruction projects.	1. Identify and prioritize existing corridors for viability as complete streets "vision projects," such as Route 1, Route 5, and Jefferson Boulevard.	Planning; consultant	Medium term	Staff time; grant
	B. Promote the economic, environmental, and quality of life benefits of mass transit.	1. Advocate for more frequent commuter rail service at the Warwick Station and support initiatives to increase ridership.  2. Promote development of the Proposed IntraLink/Coronado Street Improvement Project, and evaluate the feasibility of providing enhanced and/or new linkages across the rail corridor at other locations.	Mayor's office; City Council; RIDOT  Mayor's office; City Council; Planning; RIDOT; REEDC	Short term and ongoing  Short term and ongoing	Staff time  Staff time; RIDOT; REEDC
2. Warwick has an efficient road network that responds to existing and future development patterns while reducing auto congestion and improving circulation.	A. Allocate sufficient resources for maintenance and street repairs.	1. Continue to seek state and federal funding assistance for the maintenance of local roadway infrastructure (through opportunities such as the RE-LEAP program).  2. Regularly maintain street conditions and advance projects to address problems before they grow larger and more expensive to fix.	Mayor's office; Planning  DPW	Short term and ongoing  Short term and ongoing	Staff time  Staff time; general fund
		3. Implement a citywide geographic information system (GIS), asset management system, and/or other technologies to more efficiently and effectively inventory, track, and manage city infrastructure and resources.	<b>HIGH PRIORITY</b> Mayor's office; city council	Short term	Staff time; general fund; grants

# COMPLETED ACTIONS Citywide GIS

The screenshot displays the City of Warwick GIS web application interface. At the top left is the City of Warwick logo and the text "City of Warwick, Rhode Island Web GIS Maps and Online Property Information by MainStreetGIS, LLC City Website". To the right, there is a "Base Map" dropdown menu set to "Google Satellite" and a search bar with "Address", "Parcel ID", "Google", and "Owner" options. Below the header are navigation tabs for "GIS Map", "Street View", and "Tax Maps". A "Layers" panel on the left lists various data layers, including "Parcels (Yellow)", "Road Name Text", "Address Points", and "Zoning". The main map area shows a satellite view of a city intersection with yellow parcel boundaries overlaid. Labels on the map include "STATE OF RI & PROV PLANTATIONS", "CAPTAINS REALTY INC", "ALGER EDWARD J", "MOORE CHARLES A JR", "PAWTUCKET CREDIT UNION", "ALGER EDWARD J", "TOY PAUL C JR", "TLD ENTERPRISES LLC", "JUDITH", "CPW REALTY LLC", "CENTRAL RI CHAMBER OF COMMERCE INC", "WARWICK CENTRAL BAPTIST CHURCH", "ROSS BETHANY", "ALGER EDWARD", "MCDONALD JOSEPH", "MLC CAFE INC", "W WARWICK LLC", "GRAY ENTERPRISES LLC", "CITY OF WARWICK SEWER", "CITY OF WARWICK", and "ST BARNABAS EPISCOPAL CHURCH". Street names visible include "GREENWICH AVE", "POST RD", "CENTERVILLE RD", and "COLLEGE ST". A scale bar at the top of the map shows a scale of 1:846.





## PART V SUSTAINABLE SYSTEMS

*“[Warwick’s] status as a central hub for...different modes of transportation is beginning to be recognized.... City services have always been the best.”* –WARWICK RESIDENT

CHAPTER 11  
SUSTAINABLE AND RESILIENT WARWICK





**OAKLAND BEACH SHORELINE RESTORATION**  
**Seaview Drive and Strand Avenue**  
**Schematic Alternative #4**



**City of Warwick RI**  
**Planning Department**

# Structure Elevation out of SFHA





# Explore Rhode Island's Blueways and Greenways



## www.explorer.org

Home Go Paddling Go Walking Outfitters & Gear About Us Stories Join Us Resources

photo: ©Stockphoto.com/GerMan101

## Water Trail Maps:

Want a route mapped out for you to paddle? This is the page for you! Below are links to over 30 water trail maps for paddling trips throughout Rhode Island and the Narragansett Bay Watershed: from the Blackstone River in the north to the salt ponds in the south, and from the Taunton River watershed in the east to the Wood-Pawcatuck in the west. All maps include a description of the route, a map of the route, and a list of points of interest.

6. Develop a recreational Blueway Trail Initiative to map and enhance recreational opportunities in local waterways and adjacent open space and create an interactive water trail map that can be accessed from the City's website. See [www.exploreri.org](http://www.exploreri.org) for more information on blueways. As with the trail/bike/greenspace map, the map should be developed so that it is legible when printed on letter size paper from a home printer.

### BUCKEYE BROOK TRAIL: BROOK TO BAY



LEVEL	Beginner to Intermediate
START/END	Conimicut Point Park/Longmeadow Fishing Area/ Rocky Point Park
RIVER MILES	3.5 mile round-trip
TIME	3 hours round-trip

# Hazard Mitigation Plan Update: Chapter 11 Sustainability and Resilience Goal 4 Strategy A Actions 1-3 (11.17)

OCTOBER 2019

WARWICK MAYOR  
JOSEPH J. SOLOMON



Project Status: Update Complete – FEMA review and Adoption Pending

## 2019 City of Warwick Hazard Mitigation Plan Update

PCR- 115-19

**THE CITY OF WARWICK**  
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

**RESOLUTION OF THE CITY COUNCIL**

NO.....R-19-100..... DATE *AUGUST 23, 2019*

APPROVED.....*Joseph J. Solomon*.....MAYOR

**RESOLUTION IN SUPPORT OF CITY OF WARWICK  
LOCAL MULTI-HAZARD MITIGATION PLAN**



PREPARED FOR  
City of Warwick, Rhode Island



4. Warwick has an up to date hazard mitigation plan.	A. Keep the City's hazard mitigation strategy current and implement the action plan.	1. Prepare the 2015 update.	Planning; Public Works; Fire Dept; consultant	Short term	Staff time; consultant; grant funding; general fund
		2. Incorporate coastal	Planning; consultant;	Long term	Staff time; consultant;

## PART VI THE FUTURE CITY

*"We have found Warwick to be a city with a great deal to offer and having a tremendous potential to improve upon its existing amenities."—WARWICK RESIDENT*

- 9** Continue efforts to include a signature public open space at **Rocky Point** and enhance other open space areas. Pursue funding to enhance places like Chepiwanoxet and Barton's Farm.

### C. Strengthen and expand the tourism industry.

#### Actions

1. Identify tourism market segments most likely to experience growth and focus on their development.
2. Selectively develop additional attractions, including the development of **Rocky Point** for a combination of active and passive recreation activities, full restoration of the Aldrich Mansion in collaboration with the Providence Diocese, and further development of sports tourism.

BOAT LANDING, ROCKY POINT, R. I.







### STRATEGIES

D. Pursue improved connectivity of open space and recreation land through the development of "green corridors" consisting of new and existing bicycle and pedestrian trails and on-street routes.

A. Require that pedestrian movement, bicycle transportation, accessibility for the disabled, and streetscape aesthetics be incorporated in the design of roadway construction/reconstruction projects.



### Actions:

1. Building on existing neighborhood plans and working with neighborhood residents, develop neighborhood-focused plans. Livability Projects should be identified that will increase connectivity through pedestrian and bicycle improvements and routes to community destinations; identify opportunities for tree planting. Friends' groups to support park maintenance

### Actions:

1. Identify opportunities for pedestrian and bicycle routes radiating from Village Districts and important community destinations. The Village Districts represent the most immediate opportunities to create activity centers and compact mixed-use, walkable environments. In order to start creating better connectivity within Warwick, the best routes for walking and biking to and from these districts must be identified and given priority for improvements.

# Economic Development

## GOAL 3

Improve the business environment.

### POLICY

- Increase responsiveness to business concerns
- Streamline business regulatory processes.

## GOAL 4

Increase access to high-quality employment opportunities for Warwick residents.

### POLICY

- Strengthen coordination between economic development and workforce development
- Increase local employment opportunities for Warwick residents



# TRANSIT



## STRATEGIES

- A. Engage with the RIDOT and Amtrak to further leverage the city's key intermodal assets (location and infrastructure) for intercity travel.
- C. Improve transit access between local residential and employment centers.

**JACK REED**  
United States Senator for Rhode Island

ABOL

NEWS RELEASES

5. Work with RIDOT and Amtrak to build a platform at Warwick Station to connect travelers to major destinations along the Northeast Corridor route.

Mayor's office; Planning; RIDOT is the lead; legislature; Governor

Long term

Staff time



New \$2.8 Million Grant Keeps Development of Amtrak Service to T.F. Green On Track

6/10/2019 — WASHINGTON, DC - The effort to bring an Amtrak rail stop to

THE LATEST

EXECUTIVE CHAMBER



CITY OF WARWICK  
JOSEPH J. SOLOMON  
MAYOR

August 16, 2018

Mr. Peter Alviti, Jr., P.E., Director  
Rhode Island Department of Transportation  
Two Capitol Hill  
Providence, Rhode Island 02903

Re: **T.F. Green Airport Intercity Amtrak Service Preliminary Engineering**  
FY 2018 Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant

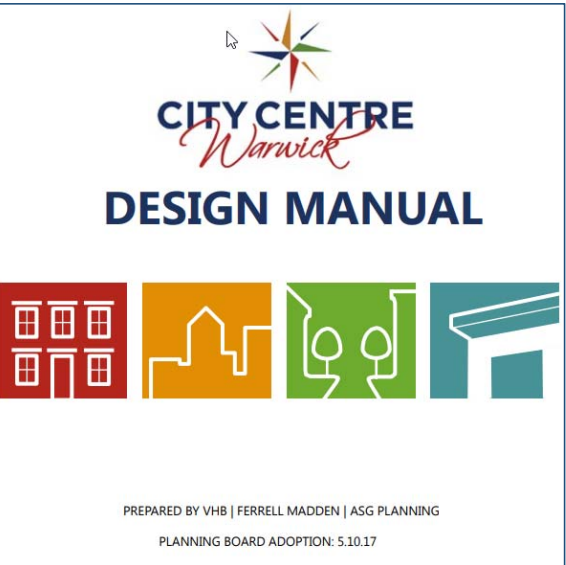
Dear Mr. Alviti:

As a municipality committed to providing quality services, increasing economic development opportunities, and capitalizing on the multi-modal assets of our community, the City of Warwick enthusiastically supports the **T.F. Green Airport Intercity Amtrak Service Preliminary Engineering** effort and Rhode Island's application to advance the project.

# Chapter 12—Future Land Use, Zoning, and Urban Design

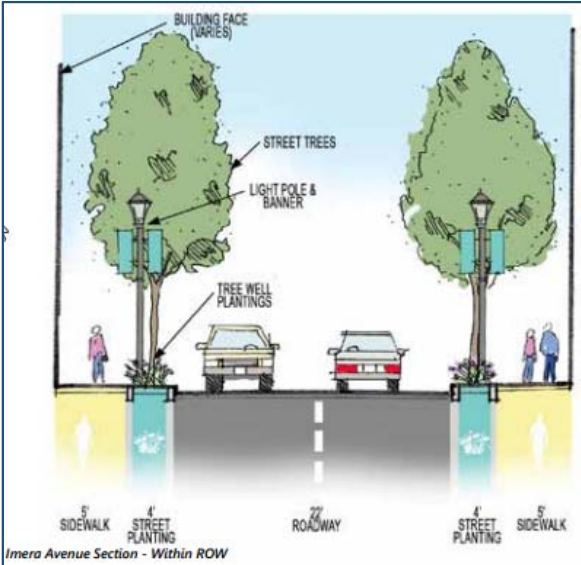
**High Priority**    **Short-term actions (2013–2018)**    **Medium-term actions (2019–2023)**    **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES
<b>3. City Center Warwick (formerly known as WSDD) is a major center of compact, higher-density transit-oriented development.</b>	<b>A. Ensure that public improvements and private development in the City Center Warwick will be designed for a live-work-play environment, based on the district master plan.</b>	<b>HIGH PRIORITY</b> 1. Create a <b>design manual</b> for public improvements.	Planning	Short term	Grant funding
		<b>HIGH PRIORITY</b> 2. Create a design manual for private site and building design.	Planning	Short term	Grant funding



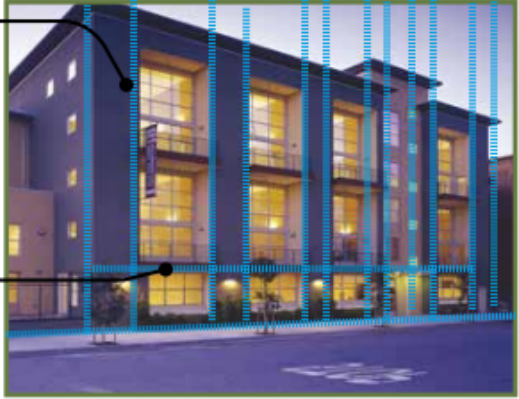
**CITY CENTRE**  
*Warwick*  
**DESIGN MANUAL**

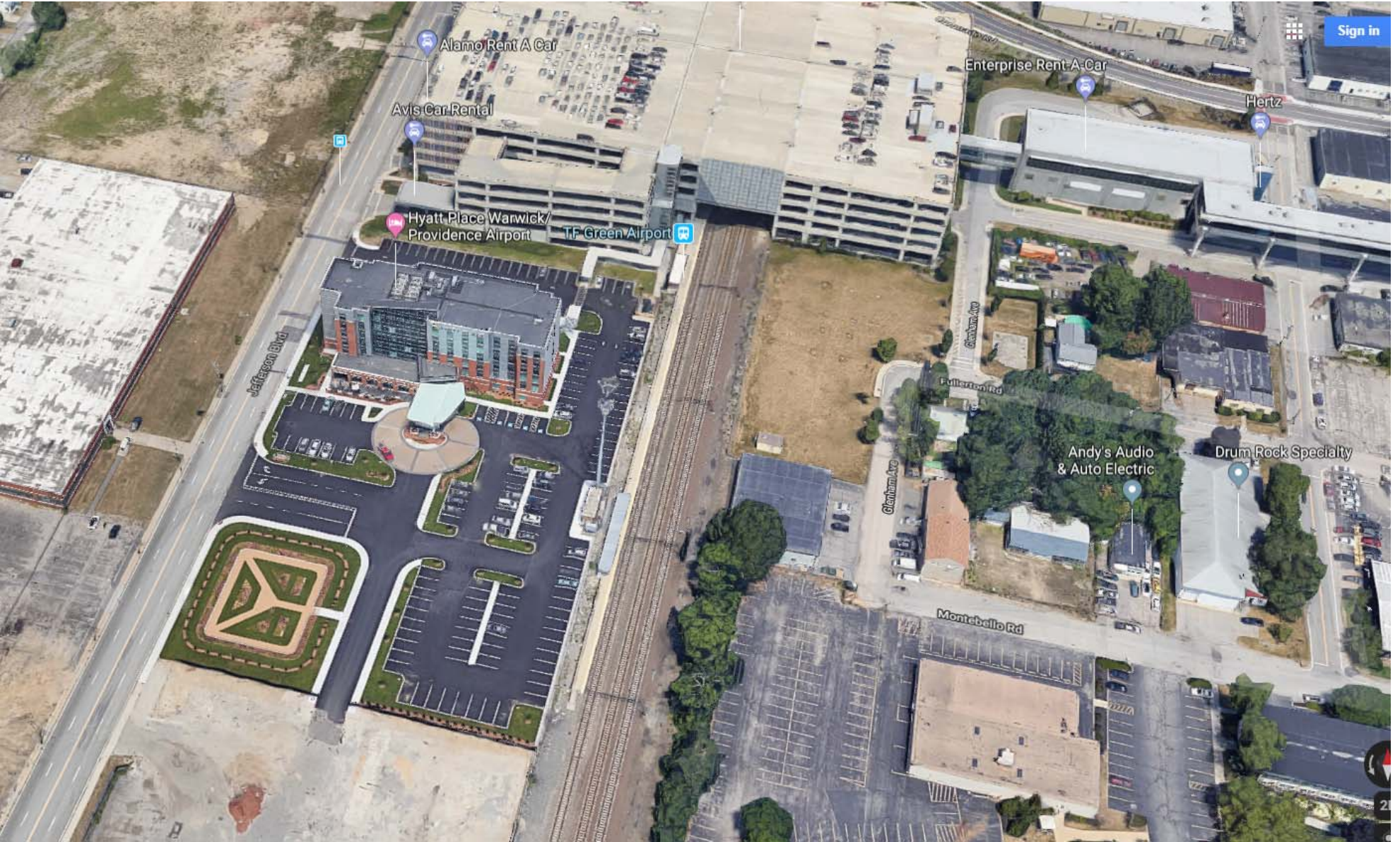
PREPARED BY VHB | FERRELL MADDEN | ASG PLANNING  
PLANNING BOARD ADOPTION: 5.10.17



**DO:** Design your façade to have a rhythmic pattern of bays, using architectural detailing, articulation, or expression lines.

**DO:** Raise the first floor of a residential building several feet above the sidewalk.





Alamo Rent A Car

Avis Car Rental

Hyatt Place Warwick/  
Providence Airport

TF Green Airport

Enterprise Rent-A-Car

Hertz

Andy's Audio  
& Auto Electric

Drum Rock Speciality

Sign in

Jefferson Blvd

Montebello Rd

Glenham Ave

Fullerton Rd

Glenham Ave

2





# REPORT FORMAT

300 actions

✓ COMPLETED

✓ ONGOING ACTION/IN-PROGRESS

✓ NO ACTION

Chapter 12—Future Land Use, Zoning, and Urban Design						
Legend: High Priority (red), Short-term actions (2013–2018) (orange), Medium-term actions (2019–2023) (green), Long-term actions (2024 and beyond) (blue)						
GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>3. City Center Warwick (formerly known as WSDD) is a major center of compact, higher-density transit-oriented development.</b>	A. Ensure that public improvements and private development in the City Center Warwick will be designed for a live-work-play environment, based on the district master plan.	<b>HIGH PRIORITY</b> 1. Create a design manual for public improvements.	Planning	Short term	Grant funding	✓
		<b>HIGH PRIORITY</b> 2. Create a design manual for private site and building design.	Planning	Short term	Grant funding	✓
		3. Continue to work within the collaborative that includes RIDOT, FHWA, RIEDC and the Central RI Chamber of Commerce to coordinate the distribution of resources to grow transit options with appropriate land use that in turn creates economic development.	Planning; Tourism and Economic Development	Ongoing	Staff time	✓
		4. Continue to identify the types of businesses and market segments best suited to the City's economic, land use and urban design goals for City Centre.	Planning	Ongoing	Staff time	✓
		5. Continue to inventory and market sites available for development.	Planning; Economic Development	Ongoing	Staff time	✓
<b>4. Warwick's neighborhoods are attractive, well maintained and stable.</b>	A. Protect the character and quality of existing residential neighborhoods as houses are modified and redeveloped to mitigate flooding or for other reasons.	1. Create design guidelines to assist property owners and contractors seeking to raise houses above base flood elevation (BFE).	FEMA; RIEMA	Long term	Seek assistance from architecture students or similar sources; grant	✓
		2. Discourage the creation and development of undersized non-conforming lots, except as provided for in the Warwick zoning ordinance.	Planning; Zoning Board; Planning Board; City Council	Short term	Staff time	✓
<b>5. Major streets mix clusters of neighborhood-serving retail in neighborhood centers with housing and commercial uses.</b>	A. Create a Corridor Mixed-Use zoning district for segments of major streets in order to promote redevelopment of underutilized commercial properties into small- and medium-scaled multi-family housing.	1. Develop a mixed use zoning district that expands allowed uses in these corridors to include multi-family development.	Planning; City Council; consultant	Short term	Staff time; grant; general fund	✓
		2. Include urban design standards for all commercial and multi-family development and redevelopment in these corridor segments.	Planning; consultant	Short term	Staff time; grant; general fund	✓



- *The Planning Board has met and discussed the Comprehensive Plan at its 5-year mid-point and hereby votes to re-affirm the overall vision, goals and policies contained within the Plan and recommends that the Administrative Officer submit the 5-year plan progress report to the Rhode Island Division of Planning.*

## Chapter 4—Natural Resources

**HIGH PRIORITY** High Priority    Short-term actions (2013–2018)    Medium-term actions (2019–2023)    Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. Warwick’s natural resource systems, sensitive water resources and natural habitat are preserved and protected for future generations.</b>	A. Develop an integrated Green Systems Master Plan that includes natural resources.	1. Develop the natural resources section for a Warwick Green Systems Plan.	Planning Department with consultant	Medium term	Seek grant funding	✓
		2. Empower the Warwick Land Trust to raise revenue and apply for grant funding in order to finance natural resource protection initiatives.	City Council	Medium term	Staff time; grant funding; city budget	✓
	B. Protect, preserve and enhance natural resource areas adjacent to developed or potentially developed areas.	1. Preserve open space through the promotion of conservation subdivisions on larger development sites, open space acquisition, and sensitive siting of competing land uses.	Planning; City Council; Planning Board	Ongoing	Staff time	✓
		2. Identify and prioritize specific parcels of land for acquisition, development rights, foreclosing right of redemption (tax sale properties), conservation easements for farmland preservation, and open space purposes that have the greatest potential for preserving Warwick’s natural resources.	Planning; City Council; Land Trust; Conservation Commission; RIDEM	Short term	Staff time; grant funding; city budget	✓
		3. Ensure that all critical natural resource areas with the City are zoned appropriately.	Planning	Short term	Staff time	✓
		4. Amend the zoning ordinance to include stringent performance standards for development within critical natural resource areas.	Planning; Planning Board; City Council	Short term	Staff time	✓
		5. Continue to prioritize acquisition in areas with the most potential for preserving the city’s natural resources.	Planning	Ongoing	Staff time	✓
		6. Enforce the 2012 MOU by and between the City of Warwick and Rhode Island Airport Corporation entitled “water quality” which requires the construction of a glycol collection and treatment facility by December 31, 2015 as well as establishing a water quality liaison, increased water quality testing and training through the University of Rhode Island Watershed Watch. (see 2012 MOU).	Planning; City Council	Ongoing	Staff time; RIAC; GA (legislature); statewide planning	✓














## Chapter 4—Natural Resources

**HIGH PRIORITY** High Priority   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
C. Protect freshwater bodies, coastal waters, areas with soil limitations, unique natural features, fish and wildlife habitat, and threatened and endangered species habitat through land use planning and regulatory management programs.		1. Develop a City-wide stormwater management plan and implement Best Management Practices to reduce storm water discharge volume and nitrogen and bacteria concentrations.	DPW	Medium term	Seek grant funding and general fund	✓
		2. Adopt Low Impact Development Standards for new development, substantial renovations, and undersized properties seeking dimensional variances.	Planning; Planning Board; City Council	Medium term	Staff time	✓
		3. Preserve remaining coastal and riparian vegetated buffers, establish them on public lands, and promote the establishment of new vegetated buffers at water edges on private lands.	General Assembly; RIDEM; CRMC; City Council; Planning	Medium term	Grant funding; General Assembly; RIDEM; CRMC; City funding	✓
		4. Seek funding for BMPs and Stormwater Attenuation and Source Reduction Strategies for priority sub-watersheds.	Planning; DPW; RIDEM; CRMC	Medium term	Staff time; grant funding	✓
		5. Increase public awareness of water quality problems, sources and solutions.	Planning; RIDEM; CRMC; other non-profits	Ongoing	Staff time; grant funds; non-profits donations; city funds	✓
		<b>HIGH PRIORITY</b> 6. Manage wastewater systems to improve water quality.	Sewer Authority	Ongoing	Sewer Authority funding	✓
		7. Acquire land and conservation easements to preserve critical wildlife habitat and protect water quality.	Planning; Land Trust; Conservation Commission; City Council	Short term and ongoing	Seek agreements; grants if needed	✓
		8. Continue to support volunteer water quality monitoring programs.	City; Pawtuxet River Watershed Council; BBC; Watershed Watch	Ongoing	Volunteer	✓
		9. Restore and preserve fish and wildlife habitat, especially in Buckeye Brook, Warwick Pond, and the Mill Cove ecosystem that supports anadromous fish runs of river herring (alewife).	City; Watershed Council; State; BBC; Watershed Watch; RIDEM	Medium term	Seek grants	✓
		D. Support the programs of the Pawtuxet River Authority and Watershed Council that mitigate flood damage to low lying areas of the City.		1. Support the programs of the Pawtuxet River Authority and Watershed Council that promote increased access to the River for Warwick's residents.	City	Ongoing
2. Collaborate to enhance or restore wetlands to mitigate flood impacts.	Planning; Environmental organizations listed in Chapter 4			Medium term	Staff time	✓

**Chapter 4—Natural Resources**

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		3. Carefully review proposed developments within the Pawtuxet River flood zone to mitigate or eliminate potential additional future flood damage.	Planning; City Council; ZBR; Planning Board; RIDEM; consultant	Ongoing	Staff time; grants	
		4. Continue to work with FEMA as necessary on flood mitigation.	City; Building; DPW; CRMC	Ongoing	Staff time; FEMA	
	E. Continue programs to implement the Greenwich Bay SAMP and all city TMDLs to improve the health of the bay.	1. Identify and protect remaining wetlands, open space and shoreline areas within the Greenwich Bay watershed.	Planning; City Council; RIDEM; CRMC	Short term	Staff time; grants	
		2. Protect, maintain, and where feasible, restore ecological systems, including submerged lands and shore habitat.	Planning; CRMC; RIDEM; City Council	Long term	State and other partners; grants	
		3. Support the environmentally-sensitive, water-dependent economic development on the Bay and its shoreline to maintain the area's unique sense of place.	Planning; CRCC; Tourism	Short term	Staff time	
		4. Integrate the CRMC Coastal Buffer Zone management guidance into land development and zoning regulations.	Planning; City Council; CRMC; City Council Zoning Board	Long term	Staff time	
	F. Develop protection and management recommendations for sensitive and critical habitat identified by the Rhode Island Natural Heritage Program.	1. Coordinate with the Rhode Island Natural Heritage Program on a regular basis to determine sensitive habitat locations.	Planning	Ongoing	Staff time	
		2. Consult with the Rhode Island Natural Heritage Program staff for information on identified sites which may potentially be impacted by a development proposal.	Planning	Ongoing	Staff time	
		3. Identify and prioritize acquisition of significant wildlife habitat sites.	Planning; Consultant; RIDEM; CRMC; Land Trust; Conservation Commission	Medium term	Staff time; grant funding	
		4. Develop and enforce cluster development regulations that will preserve known and potential wildlife habitats.	Planning; Consultant; City Council; Planning Board	Medium term	Staff time; grant	
	G. Protect groundwater resources	1. Support programs that protect the Hunt-Annaquatucket-Pettaquamscutt Sole Source Aquifer.	City; NK; KCWA; Consultant; City Council; Planning Board	Long term	Staff time; grant	

## Chapter 4—Natural Resources

**HIGH PRIORITY** High Priority   Short-term actions (2013–2018)   Medium-term actions (2019–2023)   Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		2. Encourage the use of advanced treatment and denitrification on-site wastewater systems in the Hunt-Annaquatucket-Pettaquamscutt watershed.	City; GA; RIDEM; CRMC	Ongoing	Staff time; grant funding; public outreach	✓
<b>2. Warwick’s urban forest is healthy and provides maximum environmental and economic benefits.</b>	A. Continue policies and programs that protect, enhance, and increase the city’s tree canopy.	1. Continue to support and expand the City’s tree nursery at Barton Farm and tree planting programs; Create a master plan for Barton Farm	City; DPW; non-profits; private partners/ vendors	Medium term	General fund; grant	✓
		2. Promote tree protection and tree planting through review of proposed new development and redevelopment, including in parking lots.	Planning; Zoning Board; City Council	Short term	Staff time	✓
						✓
		3. Distribute information to residents on the benefits of trees and tree planting, with suggested species suitable for different types of properties.	Planning with RI Urban and Community Forest Program	Short term	Staff time; grant funding	✓













## Chapter 5—Parks and Open Space Resources

**HIGH PRIORITY** High Priority ■ Short-term actions (2013–2018) ■ Medium-term actions (2019–2023) ■ Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. A preserved and enhanced parks and open space system.</b>	A. Develop a Parks, Open Space, Waterfront, and Recreation section of a Green Systems Master Plan that provides a roadmap for current and future needs at both the neighborhood and city-wide levels.	1. Inventory and evaluate the condition of all parks, open spaces and recreation facilities available for public use, including those not owned by the city.	Parks & Recreation, with consultant	Medium term	Seek grant funding	
		2. Use the planning process to develop a schedule of regular meetings for all park and recreation managers in the city so they can easily collaborate.	Parks & Recreation	Medium term	Staff time	
		3. Survey park users to determine changing needs and interests, including post-program surveys to gauge satisfaction with programs and events.	Parks & Recreation; consultant	Medium term	Staff and consultant; grants	
		4. Identify measures to use existing facilities more efficiently.				
		5. Identify the potential for revenue-producing activities that could help fund higher levels of maintenance, enhanced facilities, more events, and other benefits.	Parks & Recreation; consultant	Medium term	Staff and consultant; grant funding; general funding	
		6. Identify how the parks and recreation system can be effectively integrated with an overall green system of environmental health and sustainability.	Planning, Parks & Recreation, consultant	Medium term	Staff and consultant; grant; general fund	
	B. Work towards a goal of a park within walking distance of every resident of Warwick.	1. Work with residents to identify the appropriate time and geographic measure for walking distance from home to a park.	Planning; consultant	Medium term	Staff time; grant	
		2. Identify both existing municipally owned and privately owned parcels for conversion to parks or permanently protected open space in underserved areas.	Planning with Parks & Recreation; consultant	Medium term	Staff time; grant	
		3. Identify and create “walk-to” neighborhood park spaces (playgrounds/playfields), where feasible, in underserved areas.	Planning with Parks & Recreation; City Council	Medium term	Staff time; seek grant funding	
	C. Focus on improving facilities and programming at existing parks and develop parks and open space maintenance guidelines that include a scalable annual maintenance budget and identify alternative sources of maintenance income and responsibility.	1. Create a system of maintenance standards to meet public expectations and give guidance to workers.	Parks & Recreation; consultant	Medium term	Staff time; grant	

## Chapter 5—Parks and Open Space Resources

**HIGH PRIORITY** High Priority ■ Short-term actions (2013–2018) ■ Medium-term actions (2019–2023) ■ Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		2. Partner with businesses, nonprofits, and neighborhood groups to enhance park maintenance through an Adopt-a-Park program or development of “Friends” groups.	Parks & Recreation	Short term	Staff time	
		3. Incorporate low-maintenance design and sustainable practices in park and recreation maintenance.	Parks & Recreation; consultants	Medium term	Staff time; general fund grants	
	D. Pursue improved connectivity of open space and recreation land through the development of “green corridors” consisting of new and existing bicycle and pedestrian trails and on-street routes.	1. Identify opportunities for “land swaps” to develop systems of contiguous permanently protected open space.	Planning	Long term	Staff time	
		2. Develop further refinements to the existing bicycle and pedestrian trail system in locations that currently connect major open space parcels.	Planning; consultants; RIDOT	Medium term	Staff time	
		3. Develop new enhancements to the bicycle and pedestrian trail system by identifying potential new routes that can connect major open space parcels.	Planning; consultant; RIDOT	Medium term	Staff time; MPO; RIDOT; grants	
		4. Develop improvements for increased neighborhood connections to parks, such as new sidewalks or multi-use paths.	Planning; DPW; consultants; developers	Medium term	Staff time; grants; developers	
		5. Work with neighboring communities to form links to regional trails and open space systems.	Planning; consultant	Ongoing	Staff time; grants	
		6. Create an easy to use trail/ bike/greenspace map that can be accessed from the City’s website.	Planning with nonprofit partners; RIDEM; CRMC; consultant	Medium term	Seek assistance from Narragansett Bay Wheelmen and Explore RI; grants; general fund	
	E. Maintain high standards of urban design, environmental stewardship, and aesthetics in public open spaces to preserve and further enhance the character of the City.	1. Continue and expand the development of the municipal tree farm at Barton Farm.	City with partners; consultant	Short term	DPW or contract with nonprofit group; grants; general fund	
		2. Continue and expand the City’s street tree planting program.	DPW; consultant	Ongoing	Grants; general funds	 
		3. Continue “Adopt-a-Spot” and similar programs to encourage private funding of beautification of the public realm, such as in street medians.	DPW and private partners; RIDOT	Ongoing	RIDOT	

## Chapter 5—Parks and Open Space Resources

HIGH PRIORITY **High Priority**   Short-term actions (2013–2018)   Medium-term actions (2019–2023)   Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
	F. Protect, preserve, maintain, and expand Warwick’s coastal and fresh water public access points.	4. Enact necessary regulations for sufficient review of development plans for both private and public improvements to ensure that neighborhood and municipal urban character is preserved and enhanced	Planning; consultant	Medium term	Staff time; grants; general fund	✓
		<b>HIGH PRIORITY</b> *1. Promote inclusion of recreational and community meeting space uses in the State’s portion of the Rocky Point parcel.	Mayor; City Council; Planning; Rocky Point Foundation; RIDEM	Ongoing	Staff time	✓
		2. Maintain and consistently update the inventory of all public rights-of-way to the coastline found in the Warwick Harbor Management Plan.	Planning; Parks and Recreation; HMC; consultant	Short term and ongoing	Staff time; grants; general funds	✓
		3. Clearly demarcate and maintain, wherever feasible and practicable, the public rights-of-way identified in the inventories.	DPW; CRMC	Medium term	General fund; grants	✓
		4. Discourage the abandonment or sale of public rights of way to coastal and inland water access points.	Planning; City Council	Ongoing	Staff time	✓
		5. Identify, retain, and foreclose rights of redemption on all tax title properties within 200 feet of the shoreline and all inland water bodies that provide potential access points and scenic vistas to the shore, freshwater ponds, and rivers.	Planning; Legal; City Council	Ongoing	Staff time; grant funding; general fund	✓
		6. Develop a recreational Blueway Trail Initiative to map and enhance recreational opportunities in local waterways and adjacent open space and create an interactive water trail map that can be accessed from the City’s website.	Planning with Explore RI; consultant	Short term	Expand Explore RI information; donations; grants	✓
		7. Improve existing and create new access points for canoeing, kayaking, and boating on both rivers and ponds and in the coves and the bay.	Planning; Parks and Recreation; nonprofit partners	Medium term	Staff time; grants; donations	✓

















## Chapter 5—Parks and Open Space Resources

**High Priority**   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>2. Recreation facilities that are state-of-the-art and that meet the needs of all Warwick residents.</b>	A. Evaluate park and recreation needs regularly.	1. Survey Warwick residents periodically to identify changing needs for recreation programs and facilities for youth, adults and seniors.	Parks and Recreation	Medium term and ongoing	Staff time; grant	✓
	B. Seek a variety of funding sources for operational and capital improvements to the park and recreation system.	1. Identify additional funding sources for programs through channels such as higher user fees and private sources.	Parks and Recreation	Short term	Staff time	✓
		2. Encourage neighborhood associations to adopt and maintain neighborhood recreational facilities and open spaces.	Parks and Recreation	Short term	Staff time	✓
		3. Provide funding for capital improvements to the Mickey Stevens Athletic Complex.	Mayor and City Council	Short term	Bond funding; public-private partnership	✓
	C. Ensure the availability of park and recreation resources to persons of different abilities and different preferences.	1. Establish and implement a plan to make all of Warwick’s public recreational facilities fully accessible to persons with disabilities.	Parks and Recreation	Short term	Staff time; CDBG	✓
		2. Ensure that spaces for both active and passive uses are available in all parks.	Parks and Recreation	Short term	Staff time	✓


Chapter 6—Historic and Cultural Resources

**HIGH PRIORITY** High Priority    Short-term actions (2013–2018)    Medium-term actions (2019–2023)    Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. The City's historic resources, including structures, natural features, and character areas, are protected and preserved.</b>	A. Maintain an accurate inventory of historic resources in the city, including photographs, and make it publicly accessible.	1. Determine eligibility criteria for inclusion in the inventory of historic resources.	Planning; Historic District Commission; consultant	Medium term	Staff time; grant	
		2. Create a rating system to identify priority properties for preservation.	Planning; Historic District Commission; consultant	Medium term	Staff time; grant	
		3. Identify additional historic and archaeological resources.	Planning; Historic District Commission; consultant	Medium term	Staff time; grants	
		4. Make the inventory available to the public on the City website.	Planning; consultant; MIS	Long term	Staff time; grant	
	B. Provide incentives for historic preservation.	1. Continue to support the State Historic Tax Credit.	Mayor and City Council; consultant	Short term and ongoing	Staff time	
		2. Consider a city tax credit or property tax abatement for approved work to high-priority historically significant properties.	Mayor and City Council; Historic District Commission	Medium term	Staff time	
	C. Enhance the review process in local historic districts with more focused design guidelines.	1. Create more detailed design guidelines for local historic districts.	Planning; Historic District Commission; consultant	Medium term	Staff time with small consultant contract; grant	
	D. Promote adaptive reuse of historic buildings.	1. Establish a demolition-delay ordinance.	Planning; City Council; consultant	Medium term	Staff time; grant	
	E. Promote protection of historic resources outside local historic districts	1. Explore creating neighborhood conservation districts.	Planning; consultant	Medium term	Staff time; general fund grant	
		2. Create design principles or guidelines for areas with high-priority unprotected historic resources.	Planning; consultant	Medium term	Staff time; grant	
		3. Continue to advocate for the preservation of historical cemeteries through the continued efforts of the Warwick Historical Cemetery Commission.	Warwick Historical Cemetery Commission	Ongoing	Commission members' time	
		4. Work with RIHPHC to develop procedures to protect hidden archaeological resources.	Planning	Short term	Staff time	
		5. Establish a program to accept and acquire historic easements.	Planning; legal; consultant	Medium term	Staff time; grant	
		F. Provide resources for information and guidance to property owners on historic preservation issues.	1. Make the historic preservation office a "one-stop shop," in person and online, for information on historic preservation.	Planning; Historic District Commission; with state and nonprofit partners	Long term	Staff time and seek grant funding











## Chapter 6—Historic and Cultural Resources

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)** 

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>2. Residents' and visitors' experience of Warwick is enhanced by a sense of the City's history.</b>	A. Provide user-friendly information on historic and cultural assets.	1. Inventory, improve, standardize, and expand existing interpretative signage for historic resources.	Planning; consultant	Medium term	Staff time and seek grant funding	
		2. Create self-guided digital tours and/or website and make them digitally available.	Planning with Warwick Historical Society	Short to Medium term	Assist Historical Society to seek grants or assistance from student groups	
		3. Continue to promote awareness of residential historic preservation including strengthening the Historic Plaque program and establishing events like historic house tours.	Planning with Warwick Historical Society; MIS; consultant; WHDC	Medium term	Staff time and volunteers	
		4. Make local history a part of the school curriculum and offer programs for children and adults at the library and elsewhere.	School system; library	Medium term	Staff time and volunteers	
<b>3. Warwick's art community is vibrant and growing.</b>	A. Improve promotion of arts and cultural activities and initiatives as part of the city's economic development strategy.	1. Use the arrival of Ocean State Theater to attract other arts organizations to City Centre Warwick area and create an Arts and Culture District there.	Planning; Tourism; EDC; City Council; Planning Board	Medium term	Staff time; general fund grants	
		2. Explore the opportunities for arts-oriented housing, studio spaces, and retail spaces in Warwick's closed school buildings, in Village environments, and in vacant or underutilized industrial space.	Planning; City Council; Planning Board	Medium term	Staff time	











Chapter 7—Housing and Neighborhoods Resources

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)** 

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. Warwick has a wide range of quality housing choices to meet the diverse needs of households at all income levels and all stages of the life cycle.</b>	A. Promote a mixture of housing choices in the city as well as mixed income housing in City Centre Warwick within walking distance to commuter rail.	1. Allow compact, higher-density housing options in and adjacent to Village Districts and City Centre Warwick, including appropriate design standards.	Planning; City Council; RIDOT; RIEDC	Short term	Staff time; grant	
		<b>HIGH PRIORITY</b> 2. Create a mixed-use Neighborhood Center zoning district to promote redevelopment of older shopping centers at major intersections.	Planning; City Council	Short term	Staff time	
		<b>HIGH PRIORITY</b> 3. Establish an option for multi-family, townhouses or similar housing options along major corridors through mixed use zoning.	Planning; City Council; Planning Board; consultant	Short term	Staff time; grant	
		4. Amend the zoning ordinance to support minimum mixed-income housing within the WSDD	Planning; consultant; Planning Board; City Council	Medium term	General fund; grants	
	B. Provide for conservation subdivisions by right, and consider making them mandatory, with appropriate design standards, in remaining open areas that may be developed some time in the future.	1. Revise the zoning ordinance to create a conservation subdivision with a limited density bonus to promote use.	Planning; City Council; consultant	Medium term	Staff time; Planning Challenge Grant	
	C. Consider single-level aging in place friendly housing option as a way to diversify housing types for seniors and affordable housing.	1. Create a special regulation zoning district for single-level aging in place friendly housing option.	Planning; City Council; Planning Board	Medium term	Staff time	
	D. Refine and implement an affordable housing plan.	1. Continue the partnerships between the Warwick Housing Authority, nonprofit agencies, and for-profit developers to provide project-based Section 8 certificates for transitional housing, supportive housing, and mixed use housing.	Warwick Housing Authority	Ongoing	Staff time	
		2. Promote creation of service networks for senior citizens that help them stay in their homes for as long as possible.	Senior Center and volunteers	Medium term	Staff time and volunteers	
		3. Continue to work to identify city-owned land and foreclosed properties that could be made available for affordable or mixed-use housing.	Planning; Community Development; Housing Authority	Ongoing	Staff time	
		4. Consider acquisition of foreclosed properties for rehabilitation and use as scattered site affordable housing.	Housing Authority; housing nonprofits; Community Development	Ongoing	Staff time; state and federal funding	






## Chapter 7—Housing and Neighborhoods Resources

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)** 

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		5. Continue to facilitate access to housing counseling programs for those at risk of foreclosure or homelessness.	Community Development and nonprofit groups	Ongoing	Staff time	
		6. Explore the establishment of affordable housing zoning incentives or inclusionary zoning for mixed-use districts, such as the Village Districts and City Centre.	Planning; City Council	Medium term	Staff time	
		7. Study the establishment of a Warwick Affordable Housing Trust and an inclusionary zoning program.	Planning; City Council; Warwick Housing	Long term	Staff time	
	E. Continue and expand, when possible, rehabilitation programs for low- and moderate-income homeowners.	1. Seek additional resources for rehabilitation programs.	Community Development and nonprofit groups	Ongoing	Staff time; state and federal funding; corporate volunteer programs	
<b>2. All neighborhoods have retained or enhanced their character and livability.</b>	A. Establish a robust, proactive and coordinated code enforcement program and property standards system that will facilitate the resolution to code issues that threaten the use and enjoyment of neighboring properties and the general quality of life of the surrounding community.	<b>HIGH PRIORITY</b> 1. Establish responsibility in an existing or new position for coordination of code enforcement and property standards.	Mayor's office; Building	Short term	Staff time; General fund	
		<b>HIGH PRIORITY</b> 2. Create a code enforcement program and/or ordinance designed to address stewardship and public safety issues for single-family structures operated as rental properties within residential neighborhoods.	Planning; Building Department; Police Department; Legal; City Council	Short term	Staff time	
		3. Explore a ticketing system for quality of life violations.	Planning; Police Dept.	Medium term	Staff time	
		4. Establish an online/mobile system for receiving and responding to citizens' concerns about quality of life violations.	Mayor's office; DPW	Medium term	Staff time; use free apps; general funds	
		<b>HIGH PRIORITY</b> 5. Consider an ordinance for registration and periodic inspection of rental housing.	Planning; Community Development; Building Department; City Council; legal; consultant	Short term	Fund through fee for registration and inspections; grant	
	B. Create Sustainable Neighborhood Livability Plans and Projects.	1. Building on existing neighborhood plans and working with neighborhood residents, develop neighborhood-focused plans.	Planning; Community Development	Short term and ongoing	Staff time and grants	

**Chapter 7—Housing and Neighborhoods Resources**

**HIGH PRIORITY** High Priority ■ Short-term actions (2013–2018) ■ Medium-term actions (2019–2023) ■ Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>3. Villages have a mixture of uses and have become more walkable.</b>	A. Make Apponaug Village into the city’s civic center and establish additional Village District zones.	1. Implement the Apponaug Village Master Plan and expand the area of Village District zoning to include the mill site and areas surrounding the residential core of the village.	Planning; Planning Board; City Council; Zoning	Medium term	Staff time; grants; general fund	
		2. Consider Village District zoning in Pawtuxet, Pontiac, and East Natick Villages and in the Oakland Beach village area.	Planning; Planning Board; City Council	Medium term	Staff time	
	B. Give high priority to connecting Village Districts with surrounding neighborhoods and community destinations through pedestrian and bicycle routes.	1. Identify opportunities for pedestrian and bicycle routes radiating from Village Districts and important community destinations.	Planning; consultant	Short term	Staff time; grant	
		C. Explore establishment of a Main Streets program to organize merchants and promote improvements for Village Districts.	1. Start Main Streets programs in Village Districts.	Planning; consultant	Medium term	Staff time; National Main Streets Center; grants
	D. Provide incentives for appropriate development in Village Districts.	1. Offer incentives such as limited tax abatements or creation of a TIF district for public improvements for development in Village Districts.	Planning; City Council	Medium term	Staff time; grants	
	E. Establish a regular series of cultural events in Village Districts.	1. Work with arts and culture organizations, the schools, and others to create events that encourage repeat visits and enhance business for local merchants.	Parks & Recreation; Warwick Tourism	Short term	Staff time; seek grants	
<b>4. Neighborhood commercial areas are modernized and serve residents well.</b>	A. Establish mixed use zoning for Neighborhood Centers to concentrate retail uses at major intersections along commercial strips to create destinations.	See Actions 1.A. 2 and 1.A.3 above.	Consultant; Planning board; City Council	Medium term	General fund; grant	
	B. Establish design standards and incentives for substantial renovation and new construction in neighborhood commercial districts, including sustainability measures.	1. Create a Mixed-Use Neighborhood Center zoning district and a Mixed-Use Corridor zoning district with appropriate standards and incentives.	Planning; consultant; Planning Board; City Council	Medium term	Staff time; general fund; grant	






## Chapter 8—Economic Development

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. Attract and retain business in key existing and emerging economic base industries.</b>	A. Promote Warwick as a home for expanding life sciences, marine technology, and other technology firms, capitalizing on Warwick’s location midway between Providence’s Knowledge District and the University of Rhode Island in Kingston, and its ample inventory of commercial and industrial space.	1. Build relationships with the technology community through engagement with organizations such as the Rhode Island Center for Innovation and Entrepreneurship, Rhode Island Science and Technology Council, Rhode Island Manufacturing Extension Service, and Slater Technology Fund.	Tourism/Economic Development Department with RIEDC	Short term and ongoing	Staff time	✓
		2. Identify technology firms transitioning from startup to expansion phase and develop targeted marketing approaches including personal outreach, promotional materials, and information on available properties.	Economic Development Department with RIEDC	Short term and ongoing	Staff time	✓
		3. Monitor trends in development of technology-based industries and communicate with property owners and developers about opportunities for targeted marketing and property improvements.	Economic Development Department	Short term and ongoing	Staff time	✓
	B. Target marketing to other industries in which Warwick has competitive strengths, including regional retail, professional and technical services, financial services, and distribution.	1. Develop marketing materials highlighting the city’s assets and advantages relevant to target industries and expanding the marketing, branding and identity of City Center Warwick (formerly WSDD).	Economic Development Department, with consultant	Short term and ongoing	Staff time; seek grants or general fund	✓
		2. Create an industries section on the city’s economic development website and use social media to market to target industries.	Economic Development with MIS	Short term	Staff time	✓
		3. Attend state and regional industry trade shows.	Economic Development	Short term and ongoing	Staff time	✓
		4. Coordinate marketing efforts with Rhode Island EDC.	Economic Development	Short term and ongoing	Staff time	✓

**Chapter 8—Economic Development**










**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
	C. Strengthen and expand the tourism industry.	1. Identify tourism market segments most likely to experience growth and focus on their development.	Tourism Office; RIEDC	Short term	Short term	
		2. Selectively develop additional attractions, including the development of Rocky Point for a combination of active and passive recreation activities, full restoration of the Aldrich Mansion in collaboration with the Providence Diocese, and further development of sports tourism.	Tourism Office with partners; RIDEM	Long term	Staff time; need funding grants (?)	
		3. Develop partnerships with local businesses and civic groups that support and build on the area’s natural assets, history and culture in order to provide a distinctive, genuine visitor experience.	Tourism Office; Environmental groups; Historical Society; Chamber	Medium term	Staff and volunteer time	
		4. Establish a visitors’ ambassadors program that enlists resident volunteers to showcase the city’s natural, historical, and cultural offerings through such measures as information kiosks at key entry points and tourism venues, and guided tours.	Tourism Office	Medium term	Staff; volunteers	
		5. Provide wayfinding and gateway signage to visitor attractions and retail districts.	Planning; Tourism Office; DPW; RIEDC; RIDOT	Short term and ongoing	Staff time; seek grants or general fund; RIEDC; RIDOT	
		6. Organize tourism information by defined districts, “packaging” information on attractions, events, retail, dining, and lodging for each district.	Tourism Office	Medium term	Staff time	
		7. Promote the development of food and lodging facilities to increase the city’s appeal to targeted markets.	Tourism Office; Planning; Economic Development	Medium term	Staff time; incentives	
		8. Improve waterfront circulation through establishment of a water shuttle to connect major waterfront facilities and venues.	Planning; Economic Development; partners; RIDEM; CRMC	Long term	Staff time; seek grants	
	D. Preserve the shellfish industry by maintaining needed infrastructure and appropriate land use policies, and advocating for supportive federal and state policies.	1. Ensure implementation of provisions of the new Harbor Management Plan addressing the needs of the local shellfish industry.	Economic Development; Harbormaster; consultant	Short term	Staff time; general funds; grants	



## Chapter 8—Economic Development

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		2. Support preservation of waterfront infrastructure that serves commercial fisherman.	Economic Development; Harbor Commission	Short term	Staff time	
		3. Promote branding and marketing of local shellfish in cooperation with state efforts.	Economic Development	Short term	Staff time	
		4. Develop eco-tourism projects that involve local fisherman and provide them with supplemental income.	Tourism Office	Long term	Staff time	
		5. Support industry advocacy for favorable federal and state fisheries policies.	Economic Development	Short term	Staff time	
	E. Establish land use and public investment policies that promote the attraction and growth of target industries	<b>HIGH PRIORITY</b> 1. Implement the Warwick Station Development District Master Plan (City Centre).	Planning; Economic Development; City Council; Planning Board; Zoning Board	Short term and ongoing	Staff time	 
		<b>HIGH PRIORITY</b> 2. Implement WSDD Master Plan, zoning ordinance, and design standards prohibiting uses and designs that are nonconforming with the ordinance and principal objectives of the master plan and design goals.	Planning Board; Zoning Board; City Council; consultant	Short term and ongoing	Staff time; grants	
		<b>HIGH PRIORITY</b> 3. Create an Innovation District in the industrial area near I-95 with Technology/Light Industry zoning and design standards; infrastructure improvements; and public realm urban design improvements.	Planning; Economic Development; consultant	Short term	Staff time; seek grants for improvements	
		4. Adopt land use regulations that sufficiently provide for the diversity of target industry development and, in particular, preserve a balance between large-scale retail development and other industry development.	Planning, City Council	Medium term	Staff time; general fund; grant	
		5. Invest in infrastructure improvements in key commercial/industrial corridors such as Jefferson Boulevard, Warwick Avenue, and Post Road to increase their appeal to property developers and professional and technology businesses.	Mayor, City Council, Planning, DPW; RIEDC	Medium term	Staff time; seek grants for improvements; general fund	 
		6. Provide targeted incentives for repurposing of vacant and deteriorated commercial and industrial space through tax stabilization and tax increment financing.	Mayor, City Council, Planning	Medium term	Staff time; grant; general fund	

**Chapter 8—Economic Development**

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		<b>HIGH PRIORITY</b> 7. Establish an overlay district for urban design and functional improvements to the Route 2/Bald Hill Road corridor.	Planning, City Council; Planning Board; consultant	Short term	Staff time; grant; general fund	✓
<b>2. Preserve and strengthen neighborhood commercial districts that enhance the vitality and quality of life in the City’s neighborhoods.</b>	A. Use land use policies, design standards, and public investments incorporated into broader neighborhood plans to enhance neighborhood commercial districts with a mixture of uses.	1. Establish design and maintenance standards for neighborhood commercial districts that incorporate preservation, high-quality design and neighborhood character.	Planning; City Council; consultant	Long term	Staff time; grants; general fund	✓
		2. Encourage high-quality mixed-use development at appropriate densities to integrate housing, transit, and neighborhood businesses.	Planning; City Council; Zoning/Planning Board	Short term	Staff time	✓
		3. Develop a capital improvement plan for each neighborhood commercial district based on a GIS database, including street and sidewalk repair, lighting, street furniture, landscaping, and off-street parking, as appropriate.	Planning, DPW; consultant	Long term	Staff time plus consultants; grants	✓
		4. Consider the use of Tax Increment Financing in neighborhood commercial districts	Planning, City Council	Short term	Staff time	✓
		5. Expand the Apponaug Village Façade Program to other retail or village districts in need of façade improvements	Planning; consultant	Medium term	Staff time; grant	✓
		B. Collaborate with neighborhood businesses to develop business-led initiatives that strengthen the business environment.	1. Establish a Main Streets Program with assistance from the National Trust for Historic Preservation, incorporating all retail districts whose merchants and property owners agree to participate.	Planning; Economic Development	Long term	Staff time; corporate grants
	2. Establish a dedicated website providing more information on each district identified on the “Shop Warwick” map on the city’s tourism website.		Tourism Office with MIS	Short term	Staff time	✓
	3. Establish new channels for sale of locally produced goods and services, such as local farmers, seafood and crafts markets.		Economic Development and partners	Medium term	Staff time	✓
	<b>3. Improve the business environment.</b>	A. Develop stronger lines of communication with businesses to better identify and respond to business needs and interests.	1. Establish a Warwick Business Interest Group within the Central Rhode Island Chamber of Commerce to work with local government to identify and address business opportunities and challenges.	Economic Development with Warwick businesses	Medium term	Staff time









**Chapter 8—Economic Development**

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		2. Hold periodic meetings with industries groups to identify and address industry-wide needs and interests.	Economic development	Short term and ongoing	Staff time	
		3. Establish a formal business retention program staffed by screened and trained volunteers to conduct periodic outreach to local businesses and provide information, referral and/or direct assistance as needed.	Economic development and volunteers	Long term	Staff time	 
		1. Establish a one-stop information and referral desk that will use a case management approach to assist businesses with all regulatory issues.	Economic development; MIS	Medium term	Staff time; grants (software)	
	B. Make business development regulatory processes more timely and user-friendly.	2. Increase coordination among regulatory agencies to streamline and expedite regulatory approvals.	Economic development and planning; General Assembly; RIDEM; CRMC; etc.	Short term	Staff time	
		3. Develop a stronger customer-service philosophy through customer service training, effectiveness metrics and continuous improvement processes.	Mayor's office	Medium term	Staff time	
<b>4. Increase access to high-quality employment opportunities for Warwick residents.</b>	A. Leverage relationships with local businesses to promote participation in career education and workforce development programs.	1. Provide local businesses that have workforce training or recruitment needs with information and referral to Rhode Island Department of Labor and Training's Business Workforce Center.	Economic development	Short term and ongoing	Staff time	 
		2. Link local businesses with the Warwick Public Schools to expand career exploration and exposure opportunities.	Economic development; Public Schools	Short term and ongoing	Staff time	 
	B. Take labor force skill levels into account in business recruitment efforts.	1. Seek to attract businesses with employment needs consistent with the occupational skills of Warwick residents, particularly professional, management, and business and financial occupations.	Economic development; RIEDC	Short term and ongoing	Staff time	
		1. Advocate for improved intra-community public transit services with RIPTA.	Mayor's office; Planning; economic development	Short term and ongoing	Staff time	
	C. Improve transit access between local residential and employment centers.	2. Improve alternative transportation options between residential and business areas, including walking and bicycling.	Planning; DPW; RIDOT	Medium term	Staff time; federal state and local funding; grants	

**Chapter 9—Transportation and Circulation**

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. The City of Warwick is a model for efficient and flexible multimodal transportation.</b>	A. Require that pedestrian movement, bicycle transportation, accessibility for the disabled, and streetscape aesthetics be incorporated in the design of roadway construction/reconstruction projects.	1. Identify and prioritize existing corridors for viability as complete streets “vision projects,” such as Route 2, Route 5, and Jefferson Boulevard.	Planning; consultant	Medium term	Staff time; grant	
	B. Promote the economic, environmental, and quality of life benefits of mass transit.	1. Advocate for more frequent commuter rail service at the Warwick Station and support initiatives to increase ridership.	Mayor’s office; City Council; RIDOT	Short term and ongoing	Staff time	
		2. Promote development of the Proposed InterLink/Coronado Street Improvements Project, and evaluate the feasibility of providing enhanced and/or new linkages across the rail corridor at other locations.	Mayor’s office; City Council; Planning; RIDOT; RIEDC	Short term and ongoing	Staff time; RIDOT; RIEDC	
<b>2. Warwick has an efficient road network that responds to existing and future development patterns while reducing auto congestion and improving circulation.</b>	A. Allocate sufficient resources for maintenance and street repairs.	1. Continue to seek state and federal funding assistance for the maintenance of local roadway infrastructure (through opportunities such as the RI-LEAP program).	Mayor’s office; Planning	Short term and ongoing	Staff time	
		2. Regularly monitor street conditions and advance projects to address problems before they grow larger and more expensive to fix.	DPW	Short term and ongoing	Staff time; general fund	
		<b>HIGH PRIORITY</b> 3. Implement a citywide geographic information system (GIS), asset management system, and/or other technologies to more efficiently and effectively inventory, track, and manage city infrastructure and resources.	Mayor’s office; city council	Short term	Staff time; general fund; grants	
		4. Coordinate road repairs with other infrastructure improvements to increase efficiency, and preserve roadway quality.	DPW in coordination with other agencies	Short term and ongoing	Staff time	
		5. Identify, prioritize, and promote projects to address the transportation infrastructure needs of the city for inclusion in the state’s Transportation Improvement Program (TIP).	Planning; Highway department	Short term and ongoing	Staff time	



**Chapter 9—Transportation and Circulation**

**High Priority**   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES		
	B. Reduce traffic congestion throughout Warwick, particularly along east/west routes and along major commercial corridors.	1. Upon their completion, assess the performance of the modern roundabouts constructed under the Apponaug Circulator and Route 5 projects in increasing safety and alleviating congestion, and identify other locations within the city where the benefits of these facilities could potentially be realized.	RIDOT	Medium term	Staff time	✓	
		2. Continue to conduct an open and transparent process for selecting projects to include in the future TIP Proposals, and ensuring that the city's most pressing needs are prioritized accordingly.	Planning	Ongoing	Staff time	✓	
		3. Limit multiple access points on the City's major arterial roadways, and where possible, seek to consolidate and/or eliminate redundant accesses and curb cuts.	Planning; Highway department; RIDOT; General Assembly	Short term	Staff time; RIDOT; developer	✓	
		4. Ensure that Main Avenue (Route 113) continues to serve effectively as an east-west arterial and a hurricane evacuation site.	Planning; Highway department; RIDOT	Medium term	Staff time	✓	
	C. Encourage the use of effective traffic-calming techniques in neighborhoods.	1. Solicit input from the community (residents, neighborhood groups, public officials) as to the specific locations within the city where traffic calming measures are most needed and appropriate.	Planning	Medium term	Staff time	✓	
		2. Implement traffic calming measures (e.g., curb bump outs, speed humps) at locations along local and residential roads where speeding is persistently problematic.	DPW; Highway Department	Long term	Staff time and general fund	✓ ✓	
	<b>3. Warwick has improved the pedestrian and bicycling environment with routes that better connect Warwick's neighborhoods.</b>	A. Identify and pursue opportunities for developing dedicated bicycle and multi-use pedestrian rights-of-way to create linkages between residential neighborhoods, parks, commercial areas and other destinations.	1. Continue to work with the state to develop and expand the city's system of signed bicycle routes.	Planning	Short term and ongoing	Staff time	✓
			2. Continue to require sidewalks for all new residential developments and ensure that pedestrian accessibility and circulation are addressed.	Planning; Planning Board; City Council; Zoning Board	Ongoing	staff time	✓
			3. Regularly monitor the condition of sidewalks and provide sufficient funding for repairs.	DPW; City Council	Short term and ongoing	Staff time; general fund	✓











**Chapter 9—Transportation and Circulation**

**High Priority**   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		4. Ensure that redevelopment projects within the city’s village districts provide for pedestrian safety and mobility, and address applicable accessibility requirements for persons with disabilities.	Planning; Planning Board; City Council; Zoning Board	Short term and ongoing	Staff time	✓
		5. Require that new development and redevelopment proposals, where applicable, include appropriate amenities for bicyclists (e.g. bicycle racks).	Planning; Planning Board; City Council; Zoning Board	Short term and ongoing	Staff time	✓
		6. Enforce federally-mandated guidelines for accessibility in accordance with the Americans with Disabilities Act (ADA).	Planning; DPW; Highway Dept; Building Dept	Short term and ongoing	Staff time	✓
<b>4. Warwick has a convenient public transit network that better meets the needs of Warwick residents and workers.</b>	A. Discourage the elimination of fixed bus routes providing service to the city and further reductions in service frequency along established routes.	1. Advocate for improved connectivity between RIPTA service, the InterLink, and key points (e.g. Village Districts) throughout the city.	Mayor’s office; City Council; Planning;	Short term and ongoing	Staff time	✓
		2. Identify potential new routes, or Providence route realignments, to better meet inter-city transportation needs.	Planning, with RIPTA	Medium term	Staff time	✓
		3. Evaluate the feasibility of implementing demand-based transit services (similar to RIPTA’s Flex Service offered elsewhere in suburban and rural “flex zones”) for to increase intra-city mobility.	Planning, with RIPTA	Long term	Staff time	✓
		4. Maintain and operate the city’s para-transit service (Transwick) in a manner that best serves the mobility needs of the elderly and disabled residents.	Transwick	Ongoing	Staff time	✓
		5. Review all RIPTA proposals for changes to service (routes, frequency) and, where appropriate, submit written comments during the public notice period that represent the concerns and interests of the city and its residents.	Planning	Ongoing	Staff time	✓
		6. Develop and offer recommendations to RIPTA for improved synergy between bus and other modes of transit within the city.	Planning	Short term	Staff time	✓




## Chapter 9—Transportation and Circulation

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)** 

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>5. Warwick’s intercity and intermodal transportation includes improved passenger rail service and airport facilities.</b>	A. Engage with the RIDOT and Amtrak to further leverage the city’s key intermodal assets (location and infrastructure) for intercity travel.	<b>HIGH PRIORITY</b> 1. Promote the City Center Warwick (formerly WSDD) as an efficient and sustainable means of providing access between air, rail, automobile, and bus modes of travel.	Mayor’s office; Planning; Dept. of Tourism; transportation agencies; RIEDC; RIDOT	Ongoing	Staff time; advertising; RIDOT; RIEDC; grants; general fund	
		<b>HIGH PRIORITY</b> 2. Ensure that the redevelopment of City Center Warwick (formerly WSDD) is conducted in a manner that complements and encourages transit ridership.	Planning; Planning Board; City Council; Zoning Board	Ongoing	Staff time	 
		3. Work with RIDOT and the MBTA to increase the frequency of commuter rail service to and from Providence and Boston.	Mayor’s office; Planning; RIDOT	Ongoing	Staff time	
		4. Encourage the Rhode Island Department of Transportation (RIDOT) to expand commuter rail services to points south of the city along the Northeast Corridor.	Mayor’s office; Planning	Ongoing	Staff time	
		5. Work with RIDOT and Amtrak to build a platform at Warwick Station to connect travelers to major destinations along the Northeast Corridor route.	Mayor’s office; Planning; RIDOT is the lead; legislature; Governor	Long term	Staff time	 
	B. Work with the State of Rhode Island, the Rhode Island Airport Corporation (RIAC), and the Federal Aviation Administration (FAA) to mitigate any potential negative impacts of airport development activities on the residents, businesses, and institutions of the City of Warwick.	<b>HIGH PRIORITY</b> 1. Ensure that all mitigation measures committed to in the Final Environmental Impact Statement Record of Decision (ROD) are implemented in a manner that improves east/west circulation, and minimizes traffic, noise and other impacts on adjacent properties, and that the provisions of the Memorandum of Understanding (MOU) between the RIAC and the City of Warwick are upheld.	Mayor’s office; Planning; RIAC; Legal; City Council	Ongoing	Staff time	
	C. Coordinate the implementation of Transportation and Circulation recommendations with other elements of the Comprehensive Plan and the City Center Warwick (formerly WSDD) Master Plan to ensure the measured and sustainable development of the Station District and its environs.		Planning; RIDOT	Ongoing	Staff time	 

**Chapter 9—Transportation and Circulation**

**HIGH PRIORITY** High Priority   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>6. An accessible, easily navigable marine transportation system.</b>	A. Work with the Rhode Island Coastal Resources Management Council (CRMC) to complete an update to the city's Harbor Management Plan.	<b>HIGH PRIORITY</b> I. Expedite completion of the updated Harbor Management Plan to accompany this Comprehensive Plan update.	Planning; Harbormaster; consultant; Harbor Commission; CRMC	Short term	Staff time; consultant; general fund; grant	
	B. Address the need for dredging to restore navigable depths within the city's navigation channels and mooring fields through coordination with the CRMC and U.S. Army Corps of Engineers.	I. Gain support from congressional delegation and CRMC.	Planning; Harbormaster; CRMC; congressional delegation; U.S. Army Corp.	Long term	Staff time; federal funding	
	C. Maintain and improve public access opportunities for the use and enjoyment of coastal and marine resources.	I. Enforce the harbor ordinance to prohibit the blocking impeding or private annexing of CRMC rights-of-way, city rights-of-way as well as platted improved and unimproved roadways to the coastline.	Planning; DPW, Parks and Recreation; CRMC; Building Dept.; Legal	Ongoing	Staff time	











Chapter 10—Public Facilities and Services

**High Priority**   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**




GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. Excellent quality and quantities of drinking water to meet all current and future needs of Warwick.</b>	A. Ensure that the potable water delivered to the customers of both the Warwick Water Division and the Kent County Water Authority (KCWA) meets all drinking water quality standards established by the state Department of Health and the U.S. Environmental Protection Agency.	1. Protect existing and potential future water supply sources from contamination and over-withdrawals.	Town of North Kingstown; KCWA	Ongoing	NK; Water; KCWA	✓
		2. Support state planning efforts to identify auxiliary, redundant potable water supply sources to supplement the Scituate Reservoir, which supplies the bulk of the city's drinking water.	Water Division	Short term	Staff time	✓
		3. Coordinate with the KCWA in its efforts to continue implementing and updating supply management and system infrastructure plans.	Water Division	Medium term	Staff time	✓
	B. Continue to implement and update the Warwick Water Division's Water Supply System Management Plan and Clean Water Infrastructure Plan.	<b>HIGH PRIORITY</b> 1. Amend the Warwick Water Division's rate schedule as appropriate to account for expected declines in metered use (through increased conservation efforts) and develop a revenue structure to sustain the city's state-mandated maintenance, replacement, and capital improvement programs.	Water Division; Mayor's office; City Council	Short term	Staff time; consultant	✓
		1. Continue public education to raise awareness about water conservation.	Water Division	Ongoing	Staff time	✓
	C. Promote and encourage water conservation efforts to meet the requirements of the state's Water Use and Efficiency Act of 2009.	<b>HIGH PRIORITY</b> 1. Include programs for the maintenance of and capital improvements to existing system infrastructure (collection, pumping, and treatment facilities) and the prioritized expansion of the collection system to areas not presently served.	Sewer Authority	Short term	Staff time	✓
<b>2. Efficient and reliable sewer service and wastewater disposal throughout the city.</b>	A. Upon completion of regulatory review and public comment processes, implement the Facility Plan Amendment for the Warwick Wastewater Treatment Facility.	<b>HIGH PRIORITY</b> 2. Expedite implementation of the proposed flood protection and mitigation improvements at the WWTF (raising of the levee crest) to better protect the facility and assets from extreme storm and river flow events, and identify other WSA infrastructure (e.g., pump stations) that require enhanced protection from flooding.	Sewer Authority	Short term	Staff time; FEMA Hazard Mitigation Funds	✓









**Chapter 10—Public Facilities and Services**

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		3. Continue to engage with the Town of East Greenwich, residents, and other stakeholders to develop environmentally and economically sustainable strategies for improved wastewater management in the Potowomut section of the city.	Sewer Authority	Ongoing	Staff time	
	B. Ensure that the wastewater system and on-site wastewater systems operate with best practices and at the highest level.	<b>HIGH PRIORITY</b> 1. Consistent with the findings of a recent comprehensive rate study prepared for the Warwick Sewer Authority (WSA), ensure the balancing of costs of continued maintenance and capital improvements in system infrastructure with equitable revisions of the sewer rate schedule, and ensure the pursuit of program and improvement financing through the state’s Clean Water State Revolving Fund (SRF) loan program.	Sewer Authority	Short term	Staff time; Clean Water State Revolving Loan Fund	
		2. Support state programs for the protection and restoration of surface and groundwater quality through continued implementation of WSA’s Mandatory Sewer Connection Program, including enforcement of connect-capable fees where applicable.	Sewer Authority	Ongoing	Staff time	
		3. Where new development or redevelopment projects are proposed in un-sewered areas, require proven, best-practice siting and design of on-site wastewater treatment systems, particularly in locations near environmentally sensitive wetland and coastal resources.	Health Department; RIDEM; OWTS; General Assembly; consultant	Medium term	RIDEM	
		4. Continue to implement the Industrial Pretreatment Program (through the issuance, monitoring, and enforcement of wastewater discharge permits) to protect WSA facilities and receiving waters from the discharge of toxic and/or excessive conventional pollutants.	Sewer Authority	Ongoing	Staff time	
		5. Develop and distribute educational materials to discourage disposal of harmful materials into on-site disposal systems and the municipal sewer system.	Sewer Authority	Short term	Staff time; grant funding	

**Chapter 10—Public Facilities and Services**

**High Priority**  **High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES		
<b>3. Stormwater management and drainage systems that are effective and reliable and incorporate best practices.</b>	A. Reestablish compliance with the city’s Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems (Small MS4s)	<b>HIGH PRIORITY</b> 1. Implement and continue adherence to the required minimum measure elements contained in the City’s Stormwater Management Program Plan (SWMPP).	Public Works	Short term and ongoing	Staff time		
		2. Identify and prioritize existing drainage systems for the construction of appropriate BMPs to improve the quality of runoff discharged to receiving waters.	Public Works; consultant	Medium term	Staff time; grant; general funds		
		3. Amend planning and zoning regulations to require reporting and enforce maintenance of privately owned BMPs and drainage systems.	Planning; Public Works; consultant; Building Dept.	Short term	Staff time; grant		
	B. Require all new development and redevelopment projects to adhere to the applicable design, construction, and maintenance requirements set forth in the latest edition of the Rhode Island Stormwater Design and Installation Standards Manual.	<b>HIGH PRIORITY</b> 1. Encourage proponents of new development and redevelopment projects to incorporate low-impact development (LID) techniques for the avoidance, reduction, and source management of potential stormwater impacts.	Planning; Planning Board; Zoning Board	Short term	Staff time	 	
		A. Operate the city’s waste collection and recycling programs (including the automated system for the collection and transport of residential solid waste and recyclables) in a manner consistent with that state’s Comprehensive Solid Waste Management Plan.	<b>HIGH PRIORITY</b> 1. Coordinate with the Rhode Island Resource Recovery Corporation (RIRRC) in continuing to develop and implement initiatives for (a) reducing in the amount of source waste generated per capita and (b) diverting waste material from landfill disposal through effective recycling, composting, and other waste-diversion programs.	Public Works	Ongoing	Staff time	
			2. Continue to maintain the amount of municipal waste disposed of at the state’s Central Landfill within the municipal caps/quotas established under state law.	Public Works	Ongoing	Staff time	
<b>4. Continuing to exceed the state’s 35% recycling requirement and meeting or exceeding the state’s 50% solid waste diversion goal.</b>		<b>HIGH PRIORITY</b> 3. Support the development of programs to increase recycling and diversion in commercial and other non-residential sectors.	Public Works	Short term	Staff time; grants		













**Chapter 10—Public Facilities and Services**

**HIGH PRIORITY** High Priority   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>5. City facilities that are state-of-the-art and maintained for long-term use.</b>	A. Acquire and implement a municipal asset management system to improve the capital planning process, as well as support more efficient maintenance.	1. Develop a plan for establishing and implementing an asset-management system.	Mayor’s office; DPW; consultant; MIS	Medium term	Staff time; general fund; grant	✓
		2. Determine specific and detailed asset management needs of each municipal department.	Mayor’s office; consultant; MIS	Medium term	Staff time	✓
		3. Determine if additional school consolidations are warranted and plan for building reuse.	School Committee; Planning Dept.	Ongoing	Staff time; Facilities Master Plan consultant	✓
		4. Consider augmenting the internally-created schools facilities plan with additional technical assistance.	School Committee consultant	Short term	School Committee funds	
<b>6. Police and fire facilities that meet best-practice performance standards.</b>	A. Continue regular review and planning for manpower, service areas, facilities and equipment, and response times to insure adequate protection and adherence to best-practice standards throughout the city.	1. Continue to support Community Policing and other community-based public safety programs.	Police Department	Ongoing	Staff time; grants	✓
<b>7. Effective services that support a growing senior citizen population.</b>	A. Develop a plan for senior services and aging-in-place programs.	1. Survey senior citizens and retirees about their needs and preferences in services.	Senior Center; consultant	Short term	Staff time; grant; general budget	✓
		2. Review existing services and programs in Warwick and the region to see where service and support gaps exist.	Senior Center; consultant	Medium term	Staff time	✓
		3. Explore grassroots service “village” programs to help seniors age in place.	Senior Center; volunteers	Medium term	Staff and volunteer time	✓












Chapter 11—Sustainability and Resilience

**High Priority**  **Short-term actions (2013–2018)**  **Medium-term actions (2019–2023)**  **Long-term actions (2024 and beyond)** 

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES		
<b>1. The City implements practices to conserve energy and use renewable energy.</b>	A. Develop a five year capital plan for adopting energy efficient systems and practices for municipal buildings and equipment to aim for a 25% reduction in energy use by 2033.	<b>HIGH PRIORITY</b>					
		1. Prioritize recommendations from the Whole Building Assessment Initiative reports for the pool and arenas and the Honeywell Energy Audit based on energy efficiency benefits and capital costs.	Parks and Recreation; Mayor's office	Short term	Staff time; capital program		
		2. Develop a timeline for implementing the recommendations included in these plans.	Mayor's office; Parks and Recreation	Short term	Staff time		
		3. Develop a plan for converting the municipal fleet to fuel efficient and alternative fuel vehicles.	Mayor's office; DPW	Medium term	Staff time		
		4. Identify an appropriate location for electric vehicle charging stations.	Planning; DPW; Police Dept; Fire Dept; Building Dept	Short term	Staff time		
	B. Develop and implement an energy demand reduction campaign.	1. Develop an energy efficiency campaign for the public in conjunction with National Grid.	Mayor's office	Medium term	Staff time		
		2. Use state, federal and non-profit sources to promote energy efficiency.	Mayor's office	Ongoing	Staff time; grants		
		3. Create a program to recognize businesses that adopt energy efficient/conservation techniques	Mayor's office	Medium term	Staff time		
	C. Adopt land use policies and regulations that encourage reductions in energy demand.	1. Encourage, incentivize and incorporate, as appropriate, use of energy efficient technologies in building and landscape projects.	Planning; Building Dept	Short term	Staff time		
		2. Support policies in other elements of this plan that promote efficiency through compact growth patterns, improved road connectivity and alternative transportation modes.	Planning	Short term	Staff time		
		3. Create a program to recognize businesses that adopt energy efficient/conservation techniques.	Planning; Tourism	Short term	Staff time		
	D. Replace fossil fuels with renewable energy sources.	1. Review the findings on wind energy on municipal properties to consider next steps and investigate installing solar panels on municipal buildings	Mayor's office; DPW; Statewide Planning	Medium term	Staff time		
		2. Provide regulations for renewable energy installations on private property in zoning and other ordinances, as appropriate.	Planning; City Council; consultant	Medium term	Staff time; grant		









## Chapter 11—Sustainability and Resilience

HIGH PRIORITY **High Priority**   Short-term actions (2013–2018)   Medium-term actions (2019–2023)   Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		3. Streamline and reduce regulatory barriers to green buildings, and develop incentives to encourage green construction.	Planning; City Council; MIS; consultant	Short term	Staff time; general fund; grant	
		4. Provide more convenient parking and/or free parking for energy efficient vehicles in municipal parking facilities and encourage similar practices by commercial property owners.	Mayor's office; Planning; DPW; consultant	Medium term	Staff time	
<b>2. The City implements and promotes resource conservation and waste reduction.</b>	A. Continue the City's high performance in recycling.	1. Develop a program to include multi-family developments and commercial properties in recycling programs, either through the city or through private companies.	Public Works	Medium term	Staff time	
<b>3. City facilities and practices are a model of sustainability.</b>	A. Make a checklist of sustainable criteria to be used in capital planning, operations and purchasing in order to promote energy efficiency and other sustainable practices.	1. Use tools such as the STAR Community rating system ( <a href="http://www.starcommunities.org">www.starcommunities.org</a> ) to create a set of tools and criteria to be used in Warwick.	Planning	Long term	Staff time	
<b>4. Warwick has an up to date hazard mitigation plan.</b>	A. Keep the City's hazard mitigation strategy current and implement the action plan.	1. Prepare the 2015 update.	Planning; Public Works; Fire Dept; consultant	Short term	Staff time; consultant; grant funding; general fund	
		2. Incorporate coastal restoration, including wetland and marsh restoration, as an integral part of the hazard mitigation strategy.	Planning; consultant; CRMC; Save the Bay	Long term	Staff time; consultant; grant fund	
		3. Ensure that there is adequate funding and administrative support to implement the recommendations in the Hazard Mitigation Strategy.	Mayor's office; City Council	Short term	General fund; hazard mitigation grants	 
<b>5. Warwick is preparing for the impacts of extreme weather events and climate change.</b>	A. Educate the public to better understand the concept of community resilience and the meaning of probabilities and risk, especially for stream and coastal flooding.	1. Create an Emergency and Disaster Preparedness section on the City website with information for individual households and on the city and state's preparedness.	MIS Division; consultant; Fire Dept.	Short term	Staff time; grant funds	
		2. Work with the state and FEMA to make brochures and other information available on the City website, in the library, and at other city destinations, such as community centers.	MIS Division; Public Works; Planning	Short term	Staff time; grants; general funds	
	B. Improve the city's stormwater management system to enhance infiltration and expand stormwater retention areas.	1. Implement green infrastructure stormwater management strategies and actions in chapters 4 and 10.	Planning; Mayor's office; Zoning Board; Planning Board; City Council; Building Dept.	Short term and ongoing	Staff time; incorporation into future designs; require addition to zoning ordinance	













Chapter 11—Sustainability and Resilience

**HIGH PRIORITY** High Priority Short-term actions (2013–2018) Medium-term actions (2019–2023) Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
	C. Begin planning to accommodate a base rate of expected 3 to 5 foot rise in sea level by 2100 in the siting, design, and implementation of public and private coastal activities.	<b>HIGH PRIORITY</b> 1. Work with CRMC on the Rhode Island Shoreline Change Special Area Management Plan (Beach SAMP) as well as the Rhode Island Climate Change Commission, City departments, and the public.	Mayor’s office; CRCM	Short term	Staff time	 
		2. Study impacts and create adaptation and mitigation measures and require city departments to consider climate change impacts in all long-range planning and critical public infrastructure projects.	Mayor’s office; consultant	Medium term	Staff time; grant; general fund	
		3. Ensure consistency between the Hazard Mitigation Plan, the Comprehensive Plan, SAMP plans, and the city’s land use regulations.	Planning; City Council; Planning Board; Zoning Board	Short term	Staff time	
		4. Enhance education and community engagement through increased understanding of climate change and its potential impacts on the community.	Mayor’s office; Planning; Libraries	Short term and ongoing	Staff time	
		5. Enforce building and zoning codes along the coast to protect residents from potential hurricane and tropical storm impacts, and to protect coastal wetlands.	Building Department	Short term and ongoing	Staff time	 
		<b>HIGH PRIORITY</b> 6. Develop examples of attractive design solutions for elevating existing buildings and for development of new elevated buildings.	Planning; consultant	Short term	Staff time; student architecture studies; grant; general funds	

**Chapter 12—Future Land Use, Zoning, and Urban Design**

**High Priority**  **Short-term actions** (2013–2018)  **Medium-term actions** (2019–2023)  **Long-term actions** (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES		
<b>1. Warwick has sufficient diversity of land uses to support a strong and stable tax base.</b>	A. Establish a new Technology/Light Industry land use category and Innovation District Zoning.	<b>HIGH PRIORITY</b> 1. Create a Technology/Light Industry Innovation District in the zoning ordinance.	Planning; City Council; consultant	Short term	Staff time; grant; general fund		
		2. Prepare a district master plan for the Innovation District.	Planning with consultant	Long term	Seek grant funding		
		3. Create development standards and design guidelines for both public and private investment in the Innovation District.	Planning with consultant	Long term	Seek grant funding		
	B. Establish a Bald Hill Road Enhancement Overlay District.	<b>HIGH PRIORITY</b> 1. Prepare a district master plan for the Route 2/Bald Hill Road corridor that focuses on improving corridor function, attractiveness, and competitiveness.	Planning with consultant	Short term	Seek grant funding		
		2. Based on the plan, establish design standards for the Enhancement Overlay District and adopt the plan and the new overlay district.	Planning; City Council	Short term	Staff time		
	C. Amend commercial zoning to specify office development where it is appropriate.	<b>HIGH PRIORITY</b> 1. Establish a Medical Office Zoning District on Toll Gate and Centerville Roads in the vicinity of Kent Memorial Hospital where there are existing medical offices without adversely affecting neighboring residential properties.	Planning; City Council; consultant	Short term	Staff time; general funds		
	<b>2. Mixed-use centers provide walkable environments and new housing options.</b>	A. Expand the Apponaug Village District and designate additional Village District Zones.	<b>HIGH PRIORITY</b> 1. Expand the Apponaug Village District zone.	Planning; City Council; consultant	Short term	Staff time; grant	
			2. Designate additional Village District zones in Pawtuxet, and Natick Villages, and at Oakland Beach Village.	Planning; City Council; consultant	Medium term	Staff time; grant	
		B. Establish Neighborhood Center Mixed-Use Zones at neighborhood commercial district intersections.	1. Study varied mixed-use zoning options and define specific land use composition and performance standards.	Planning	Short term	Staff time; Consultant; Planning Challenge Grant	
2. Designate Neighborhood Center Mixed-Use Zones at shopping center intersections on West Shore Road, Warwick Avenue, and Post Road.			Planning; City Council; consultant	Medium term	Staff time; grant; general funds		
3. Develop development and design standards for Neighborhood Centers.			Planning	Short term	Staff time; grant; general funds		
4. Amend subdivision development review regulations and the zoning ordinance to reflect different types of mixed use conditions desired.			Planning; Planning Board; City Council	Short term	Staff time; Planning Challenge Grant		












**Chapter 12—Future Land Use, Zoning, and Urban Design**

**High Priority**   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>3. City Center Warwick (formerly known as WSDD) is a major center of compact, higher-density transit-oriented development.</b>	A. Ensure that public improvements and private development in the City Center Warwick will be designed for a live-work-play environment, based on the district master plan.	<b>HIGH PRIORITY</b> 1. Create a design manual for public improvements.	Planning	Short term	Grant funding	✓
		<b>HIGH PRIORITY</b> 2. Create a design manual for private site and building design.	Planning	Short term	Grant funding	✓
		3. Continue to work within the collaborative that includes RIDOT, FHWA, RIEDC and the Central RI Chamber of Commerce to coordinate the distribution of resources to grow transit options with appropriate land use that in turn creates economic development.	Planning; Tourism and Economic Development	Ongoing	Staff time	✓ ✓
		4. Continue to identify the types of businesses and market segments best suited to the City’s economic, land use and urban design goals for City Centre.	Planning	Ongoing	Staff time	✓ ✓
		5. Continue to inventory and market sites available for development.	Planning; Economic Development	Ongoing	Staff time	✓ ✓
<b>4. Warwick’s neighborhoods are attractive, well maintained and stable.</b>	A. Protect the character and quality of existing residential neighborhoods as houses are modified and redeveloped to mitigate flooding or for other reasons.	1. Create design guidelines to assist property owners and contractors seeking to raise houses above base flood elevation (BFE).	FEMA; RIEMA	Long term	Seek assistance from architecture students or similar sources; grant	✓
		2. Discourage the creation and development of undersized non-conforming lots, except as provided for in the Warwick zoning ordinance.	Planning; Zoning Board; Planning Board; City Council	Short term	Staff time	✓ ✓
<b>5. Major streets mix clusters of neighborhood-serving retail in neighborhood centers with housing and commercial uses.</b>	A. Create a Corridor Mixed-Use zoning district for segments of major streets in order to promote redevelopment of underutilized commercial properties into small- and medium-scaled multi-family housing.	1. Develop a mixed use zoning district that expands allowed uses in these corridors to include multi-family development.	Planning; City Council; consultant	Short term	Staff time; grant; general fund	✓
		2. Include urban design standards for all commercial and multi-family development and redevelopment in these corridor segments.	Planning; consultant	Short term	Staff time; grant; general fund	✓

**Chapter 12—Future Land Use, Zoning, and Urban Design**

**HIGH PRIORITY** High Priority   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
		3. Make the zoning change on these road segments, up to where proposed Mixed-Use Neighborhood Center zoning begins: Post Road from Warwick Avenue to Route 37; Post Road from Main Avenue to the proposed expanded Apponaug Village District; Elmwood Avenue from Post Road to the Cranston border; Warwick Avenue from West Shore Road to the Cranston border; West Shore Road from Sandy Lane to Warwick Avenue	Planning; consultant; City Council; Planning Board	Short term	Staff time; general funds	
<b>6. Public and private development meets high standards of urban design.</b>	A. Incorporate basic urban design and performance standards in zoning, and use form-based zoning where appropriate, so that new by-right development and redevelopment meets city goals.	1. Develop suitable design and performance standards for different kinds of development, not otherwise subject to design and performance standards, and incorporate them, with graphics, in the zoning ordinance.	Planning; City Council; consultant	Medium term	Staff time; general fund; grants	
		2. Consider using form-based zoning in mixed-use districts.	Planning; consultant	Long term	Staff time; general fund	
		3. With guidance from the future land use map, maintain appropriate transitional uses and buffering between commercial and residential districts.	Planning; Planning Board	Short term and ongoing	Staff and board time	
		4. Discourage zoning variance requests and strengthen regulations to protect wetlands and water quality.	Planning	Short term and ongoing	Staff time	
<b>7. Warwick’s environmental and open space networks are respected by new development.</b>	A. Promote preservation of open space in networks by incentivizing the use of conservation subdivisions in development of any remaining large parcels.	1. Develop a conservation-subdivision zoning option for large parcels with a small density bonus as an incentive to encourage their use.	Planning; consultant; City Council; Planning Board	Medium term	Staff time; general fund; grant	
	B. Develop new robust design and performance standards for development within environmentally sensitive areas of the city and for structures seeking deviation from dimensional standards before the zoning board of review.	1. Require incorporation of low-impact design and green infrastructure in environmentally sensitive areas affected by development seeking exceptions to dimensional standards.	Planning; City Council; consultant; General Assembly; RIDEM; CRMC	Medium term	Staff time; general funds; grant	













## Chapter 12—Future Land Use, Zoning, and Urban Design

HIGH PRIORITY **High Priority**   Short-term actions (2013–2018)   Medium-term actions (2019–2023)   Long-term actions (2024 and beyond)

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>8. Warwick has a systematic approach to airport land use issues</b>	A. Work with RIAC to create agreements on property acquisition and enhanced communication.	<b>HIGH PRIORITY</b> 1. Identify and agree on an “Airport Line” to limit RIAC acquisition of property and land use.	Planning; Mayor and City Council; RIAC	Short term	Staff time	✓
		<b>HIGH PRIORITY</b> 2. Develop and agree on a land inventory and reuse plan.	Planning; RIAC	Short term	Staff time	✓
		<b>HIGH PRIORITY</b> 3. Schedule an Annual Airport Report and discussion with the City.	Planning; RIAC	Short term	Staff time	✓
		<b>HIGH PRIORITY</b> 4. Bring all Airport properties into compliance with local zoning when short term	RIAC	Short term	RIAC	✓

**Chapter 13—Stewardship and Implementation**

**HIGH PRIORITY** High Priority   **Short-term actions (2013–2018)**   **Medium-term actions (2019–2023)**   **Long-term actions (2024 and beyond)**

GOAL	WHAT	HOW	WHO	WHEN	RESOURCES	
<b>1. Regular review of comprehensive plan implementation progress is a regular part of the City's calendar.</b>	A. Make regular review of the Comprehensive Plan a public process.	<b>HIGH PRIORITY</b> 1. Establish an annual public hearing before the Planning Board to review implementation progress on the Comprehensive Plan.	Planning	Short term	Staff time	
		2. Schedule a public process every five years to confirm or revise the Vision and Goals and review progress on implementation before filing the five-year informational report with the State Office of Planning.	Planning	Short term	Staff time	
<b>2. The Comprehensive Plan is incorporated in decision-making at multiple levels.</b>	A. Use the Plan annually in preparing and approving departmental work plans, operational budgets and capital improvement plans.	1. Develop a user-friendly system or checklist for City departments and agencies to use to compare proposals with the goals of the Comprehensive Plan.	Planning; MIS	Short term	Staff time	 
		2. Use the Plan in preparing and approving One-Year and Five-Year HUD Consolidated Plan documents, redevelopment grant proposals, and similar documents.	Community Development	Short term	Staff time; grant funds; general funds	
		<b>HIGH PRIORITY</b> 3. Identify Comprehensive Plan-related actions on agendas of the City Council and the Planning Board.	Planning	Short term	Staff time	
		4. Publicize actions and activities that implement the Comprehensive Plan.	Mayor's office; Planning; MIS	Short term	Staff time	
<b>3. Update the City zoning ordinance to be compatible with the Comprehensive Plan.</b>	A. Prepare a program and schedule for rezoning to make the ordinance compatible with the Comprehensive Plan.	<b>HIGH PRIORITY</b> 1. Identify and prioritize zoning changes that change designations based on existing zoning categories or land uses.	Planning; City Council; Planning Board	Short term	Staff time	
		2. Develop new zoning language and a schedule for pursuing additional zoning changes.	Planning	Medium term	Staff time	
<b>4. Provide modern technology to enhance the effectiveness of the Planning Department.</b>	A. Establish a Geographic Information System (GIS) for city government.	<b>HIGH PRIORITY</b> 1. Establish a GIS program, resources and staff starting with the data and maps created for the Comprehensive Plan and City Center Warwick.	Mayor's office; Planning; MIS	Short term	Staff time; general fund; grants	
<b>5. Update the Comprehensive Plan regularly to comply with state law.</b>	A. Develop a schedule and process to update the Comprehensive Plan every ten years.	1. Update the Plan every ten years through a substantial public process.	Planning	Medium term	Staff time; consultant	