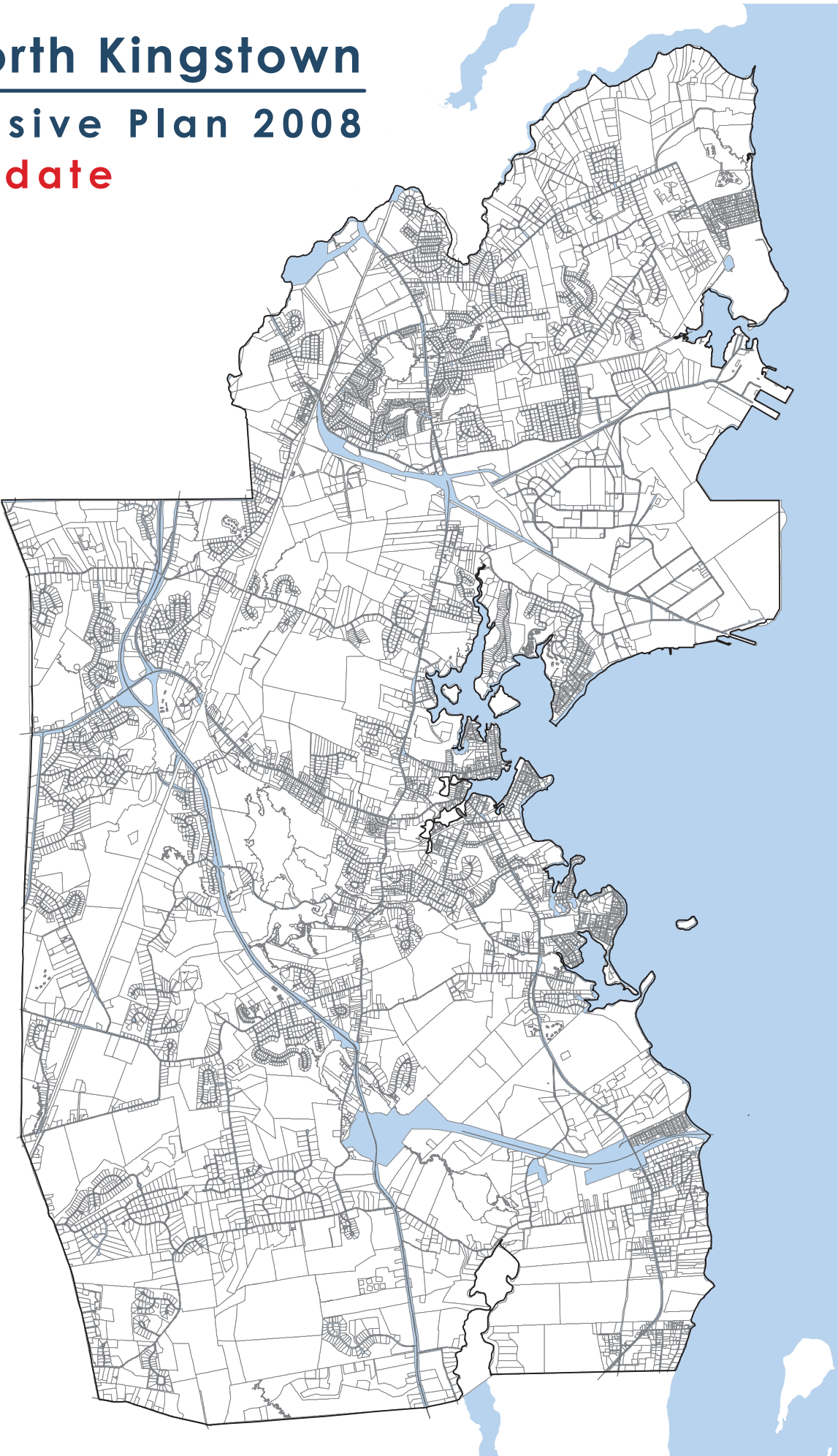


Town of North Kingstown

Comprehensive Plan 2008

5 - Year Update





Town of North Kingstown Comprehensive Plan Update 2008

Adopted by the North Kingstown Planning Commission
September 30, 2008

Adopted by the North Kingstown Town Council
October 20, 2008

TOWN OF NORTH KINGSTOWN

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Adoption and Amendment

North Kingstown's Comprehensive Plan was approved by the state in February 1995. The 2001 Comprehensive Plan Update was adopted in June 2001. This Comprehensive Plan 5-Year Update includes all of the major amendments to the 1995 Plan adopted through 2001, and includes the following amendments:

- Adoption of 2001 Comprehensive Plan Update; adopted by Town Council on July 9, 2001
- Proponent: Almonte; Plat 182, Lot 10; change from I/O to C; Adopted by Town Council on October 1, 2001
- Proponent: Macedonio; Plat 146, Lot 36; change from HDR to C; Adopted by Town Council on December 10, 2001
- Water Supply System Management Plan; Adopted by Town Council on June 10, 2002
- Proponent: Arlington; Plat 181, Lot 15; change from LDC to C; Adopted by Town Council on October 8, 2002
- Quonset/Davisville Master Plan; Adopted by Town Council on November 8, 2004
- Affordable Housing Plan; Adopted by Town Council Nov. 22, 2004, Amended June 27, 2005
- Proponent: Pinnacle Partners; Plat 136, Lot 1, Plat 135, Lots 1 & 2; change from LDR to PVD; Adopted by Town Council on December 13, 2004
- Proponent: Peet; Plat 119, Lot 3; change from C to HDR; Adopted by Town Council on April 11, 2005
- Hazard Mitigation Plan; Adopted by Town Council on June 13, 2005
- Proponent: Wright/Berman; Plat 69, Lot 21; change from NC to HDR; Adopted by Town Council on June 13, 2005
- Post Road Corridor Plan; Adopted by Town Council on February 13, 2006
- Conservation Subdivision Design; Adopted by Town Council on February 13, 2006
- Proponent: Byrnes; Plat 45, portion of Lot 13; change from LI to HDR; Adopted by Town Council on November 20, 2006
- Proponent: Schartner/Bald Hill Nursery; Plat 102, portion of Lot 11; change from HDR to C; Adopted by Town Council on June 14, 2007

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Groundwater Protection Area	Community Services
Groundwater Resources	Natural and Cultural Resources
Historical, Archaeological and Scenic Resources Plan	Natural and Cultural Resources
Recreation, Conservation and Open Space	Open Space

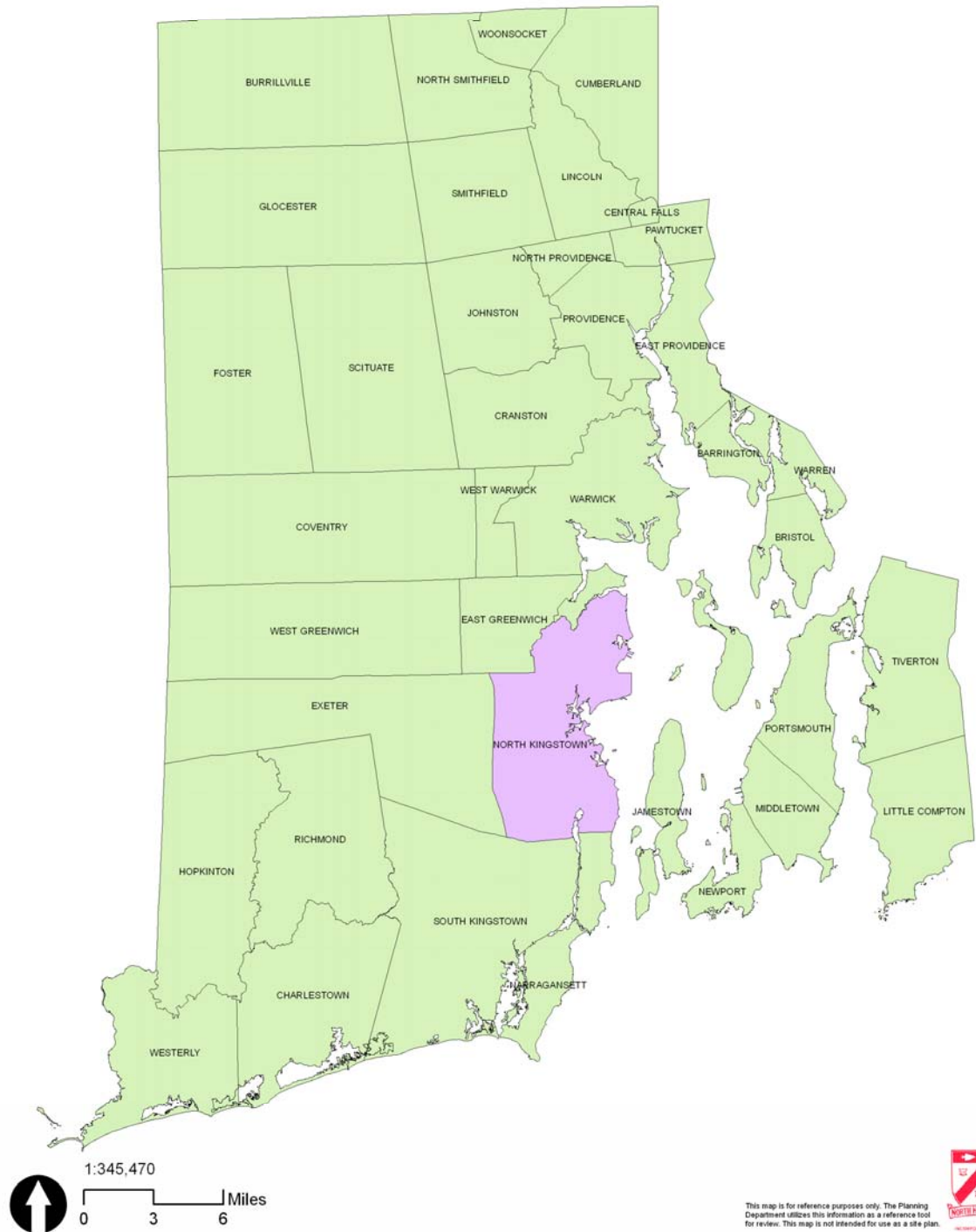
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Town of North Kingstown Comprehensive Plan

Regional Location Map
September 24, 2008





I. INTRODUCTION

A. Elements of the Comprehensive Plan

The North Kingstown Comprehensive Plan responds to the mandate of the State Comprehensive Planning and Land Use Act that sets out certain required elements:

- ❑ Land Use;
- ❑ Housing;
- ❑ Circulation;
- ❑ Community Services and Facilities;
- ❑ Economic Development;
- ❑ Natural and Cultural Resources; and
- ❑ Open Space and Recreation.

The North Kingstown Comprehensive Plan Update also included a separate element for the Post Road Corridor and the Quonset Business Park (formerly, the Quonset Point/Davisville Port and Commerce Park), as well as an Implementation section, but incorporated the goals and objectives into each of the elements. In addition, references are also made to other plans prepared, adopted or reviewed by the Town such as the Affordable Housing Plan, the Hazard Mitigation Plan, park master plans, revisions to ordinances and regulations, and the Quonset/Davisville Port and Commerce Park Master Plan 2003.

B. Consistency with the State Guide Plan

The Town has reviewed and is familiar with the State Guide Plan elements. This Comprehensive Plan Update was written to be consistent with the State Guide Plan including Land Use 2025, Rhode Island's State Land Use Policies and Plan, and Rhode Island's Five Year Strategic Housing Plan, 2006-2010, both approved in 2006.

C. Format of the 2008 Update

Continuing the format established for the 2001 Update, the 2008 Update modifies the document in the following ways:

- ❑ The 2008 Update remains in essentially the same format for each element, with an introduction which includes a summary of major accomplishments since 2001 and applicable survey results;
- ❑ Actions that have been completed since 2001 are deleted. The record of the completed activities is shown in the table in Appendix 1;
- ❑ Actions that have become on-going policies have either been "upgraded" to Objectives or remain as Actions that operate on a continuous basis.



The 1995 and 2001 Comprehensive Plans are repealed by this update. The goals, objectives, policies and actions contained in this 2008 Update supersede the goals, objectives, policies and actions contained in previous documents. The substantive body of information included in the 1995 plan is retained by reference as part of the 2008 Update. The 1995 and 2001 plans are available for review in the North Kingstown Planning Department. The next rendition of the North Kingstown Comprehensive Plan will completely replace all previous versions; include a thorough update of required inventory items; include a thorough analysis of the Town's needs; and utilize a new 20-year planning horizon.

D. Key Initiatives Impacting the 2008 Update

The 2008 Update comes at a fortuitous time, when a number of local and statewide initiatives are coming together and pushing the town towards important decisions. Local and state plans completed include:

- ❑ *Post Road Corridor Plan* that proposes new growth centers and redevelopment along the Post Road Corridor;
- ❑ *North Kingstown Affordable Housing Plan* that specifies a balanced means of producing affordable housing;
- ❑ *North Kingstown Hazard Mitigation Plan* that prepares the Town for natural disasters;
- ❑ *Land Use 2025*, the new Statewide Guide Plan that depicts the urban services boundary encompassing many of the developed areas of Town to encourage development within areas served by utilities while reducing sprawl in the groundwater overlay protection district and the Narrow River and Saugatucket River watersheds.
- ❑ *Rhode Island Five Year Strategic Housing Plan: 2006-2010*, a consensus-based vision for meeting the housing needs of Rhode Island's citizens. The Plan quantifies housing needs, identifies implementation strategies to address these needs, and provides guidelines for higher density residential development.
- ❑ The revised *Quonset/Davisville Master Plan 2003*, prepared by the Quonset Development Corporation, that outlines future land use without a container port.

E. 2000 Build-out Analysis Update

In 2000 the Town updated its build-out analysis, which was originally completed in 1998. The updated build-out analysis was included in the Town's 2001 Comprehensive Plan Update. The analysis indicated that approximately 1,410 additional residential units could be developed in North Kingstown. This calculation was also referenced in the 2004 Affordable Housing Plan.

Subsequent to the 2000 build-out analysis, 252 parcels have been approved for development, leaving 1,158 remaining parcels. At this rate of development, it is estimated that build-out will occur in 25 to 30 years. However the following initiatives could increase the Town's build-out number:

- ❑ Affordable housing units produced with a density bonus, as outlined in the Town's Affordable Housing Plan.



- ❑ Potential high density mixed-use development in the identified potential sites for Growth Centers along the Post Road Corridor, Transit-Oriented Development, and in the Gateway parcels of the Quonset Business Park.
- ❑ Extension of sewers from Quonset that could assist in the creation of the mixed-use developments mentioned above.

F. Description of the Visioning Process Used for the 2008 Update

A consultant was hired to assist in the 2008 Comprehensive Plan Update. The same consultant team also assisted with the Plan's Visioning process. The consultant team facilitated public meetings centered around the Update. A town-wide visioning meeting was held in January 2006. Although the meeting focused on infrastructure, housing, open space/natural resources, and economic development, input was received on all comprehensive plan elements. Participants were also asked to identify on maps where their "special places" are; a representation of what they like about the town. A series of meetings were also held with the Town Council and the Planning Commission to introduce and advance the Update. As the findings and meetings generated ideas, the Planning Commission was used to provide direction and focus.

The North Kingstown Planning Department staff conducted a public opinion survey to gather resident input regarding satisfaction with existing municipal services and gauge their vision for the future of North Kingstown. The survey included many of the same questions that were in the 1999 resident survey for the 2001 Comp Plan Update. Utilizing questions from the 1999 survey was useful in tracking changes in community opinion between 1999 and 2006. The 2006 survey also included new questions that focused on future goals and objectives for the Town of North Kingstown. The survey was available from the Town's website, and residents were able to take the survey online. In addition, paper copies of the survey were also made available at the North Kingstown Town Hall, Town Hall Annex, and all Town libraries.

Comments gathered through the public input process and information from the 2001 Comprehensive Plan were used to formulate a revised vision statement, set of goals, objectives and actions for each element of the 2008 Update. This updated and revised information was reviewed extensively by the Planning Commission and underwent several iterations before being presented to the Town Council for review.

A series of public hearings were held before the Planning Commission including June 5, 2007 and the final adoption on June 19, 2007. The Town Council held public hearings on August 6, 2007 and final adoption on August 20, 2007.

G. Community Survey Results

The following results gathered from the 2006 resident survey highlight some of the sentiments of North Kingstown residents:

- ❑ The value residents place on the quality of life in North Kingstown is still very high (83 percent), but the weight of opinion says the quality is slipping downward. In 2001, 31 percent thought the Town was improving, while 23 percent thought the Town was improving in 2006;



- ❑ When queried about the Town's most enjoyed qualities, the small town, rural and friendly atmosphere were most important;
- ❑ When queried about the problematic issues, taxes and schools clearly stood out, which are very important for the future of this town. In particular, the majority of respondents asked for increased funding for schools;
- ❑ Residential development was identified in the 2006 survey as the most important land use issue. This represents a shift from 2001, when the possibility of a container port at Quonset generated the most interest. This issue has since been resolved with the State abandoning its plans for a container port at Quonset Business Park.
- ❑ An increase in the level of support for acquisition and protection of open space, with over 90 percent of respondents indicating support compared to 75 percent in 2001.
- ❑ Survey respondents stated that the preservation and protection of the environment and open space ranked as the most important action North Kingstown should use in managing land. The restoration and reuse of existing developed areas before building in undeveloped areas and the protection of farmland ranked second and third, respectively.

H. Overall Direction and Outlook

The 2008 Update finds that North Kingstown is in a great position to continue its history as a well-planned community. New opportunities are appearing, a reasonable rate of growth and change is occurring, and, most importantly, the members of this community feel strongly about their future here and their desire to participate in important decisions. These are all good signs.

North Kingstown has a rich cultural and architectural history that is preserved with this plan. In addition, this plan prepares the town to address its current and future needs. Careful and continuous attention to the proposed actions will be necessary to implement the plan's actions.

Key issues for the next five years include the following:

- ❑ Groundwater and Watershed protection
- ❑ Post Road Corridor upgrade and revitalization
- ❑ Affordable housing
- ❑ Resolution of policy issues regarding development at Quonset Business Park
- ❑ Natural disaster hazard mitigation
- ❑ Commuter rail service at Wickford Junction
- ❑ Transit oriented or transit supportive development at Wickford Junction and West Davisville
- ❑ Municipal sewer service

II. Land Use



II. LAND USE ELEMENT

North Kingstown is a community with character and historic heritage that is recognized and valued by its residents. Through a firm community commitment to environmental quality and historic preservation, the Town has preserved and protected its historic character and sensitive natural lands. The town center – Wickford village – is the cultural center and the focus of government and recreation-based maritime activities. The Town's countryside is composed of preserved farmland and open space, sensitively mixed with recent residential and commercial development and village centers that have evolved from the small crossroads settlements of the eighteenth century.

The peaceful, and friendly character of the community conveys a “small town feeling” to those who live there and is the most highly valued feature of the Town. People choose to live in North Kingstown to experience this life style. Its central location within the State enables residents to live in a small town, yet have ready access to employment centers and cultural activities in and around the city of Providence. Access to Narragansett Bay – its beauty and the recreational opportunities it offers – is another major reason why residents choose to live in North Kingstown. Most residents are satisfied with the quality of life in the Town and feel that, despite the growth of the past decade, life is staying the same or is getting better.

Major concerns perceived by the community for this update include taxes, schools and municipal services. The pace of residential and commercial development is not a major concern at this time, but the character and quality of the Town remains very important.

The attractiveness of North Kingstown as a place to live has continued to be a stimulus for growth. Between 1990 and 2000 the number of building permits issued total 1,329. Much of this development occurred in rural areas in single-family subdivisions with 42% in the southwest corner of the Town. This trend has continued over the past five years, with 566 building permits issued between 2000 and 2005, thereby averaging 113 permits per year. Most of the new development has been designed to preserve open space and rural character. Forty-six subdivisions with 851 lots are currently under construction or have been recently completed. Of these, 64% (552) of lots are been located in cluster subdivisions, 24% (196) lots are in conventional subdivisions (196 lots), and 12% (103) of lots are in planned village districts. A number of residential developments are still awaiting approval. New commercial development in recent years has been focused in the on the major highways, Post Road, and the area of routes 2, 102, and 4.

As North Kingstown continues to grow, open land, including agricultural land, will quickly be absorbed by development if preservation mechanisms are not in place. A number of planning programs that can create incentives for preserving open land include Transfer of Development Rights (TDR), Transit Oriented Development (TOD), and Conservation or Open Space Development. The goal of TOD is to center communities around high quality train systems, thereby reducing the dependence on automobile travel, and allows communities to become compact and walkable. By making the project compact and with enough density to support transit use, lower density/auto-dependent areas can be preserved. The Planned Unit Development and the Village Center ordinances are currently available to support other types of similar development projects in other situations TDR is a tool that can be used to facilitate these method of distributing development by facilitating the movement of development from

sensitive areas, such as groundwater protection areas into areas that can accommodate development. The Town has recently implemented Conservation Development Regulations, which looks at the character of each piece of land proposed for development and determines the best locations for new construction and the means to construct the project to preserve natural features and improve the livability of the project. All of these and other land use management techniques will be options for the Town to consider.

State of Rhode Island Land Use Planning Initiatives

Adopted in April 2006, *Land Use 2025: Rhode Island's State Land Use Policies and Plan* is the most recent look at Rhode Island's historic land use patterns and possible future development areas. *Land Use 2025* examines trends, analyzes projections, and makes recommendations regarding future use of the State's land and resources. The document's major concepts include: sustaining the urban/rural distinction with GIS mapping that designates urban growth boundaries; statewide systems of greenspace, community design and infrastructure; and land capability and suitability analysis. North Kingstown's future land use should be guided by the goals and objectives outlined by the Rhode Island Statewide Planning Program, because the plan outlines a positive process for influencing state investments that support good planning.

A key element of *Land Use 2025* is the Future Land Use Map, which illustrates the desired patterns of Rhode Island's future development and conservation. The map proposes retaining the distinction between Rhode Island's urban and rural areas. The areas within the urban services boundary are identified as optimal areas for accommodating the majority of the state's development needs through 2025. They are areas where growth – new development or reuse, infill and redevelopment – should be encouraged. It is important to note that there are pocket areas of protected green space within the boundary. Most of the land identified outside of the urban services boundary is better suited for conservation. In North Kingstown, the urban services boundary covers most land east of Routes 1 and 4. Land to the west of these highways is identified as better suited for future conservation.

Land Use 2025 presents Goals, Objectives and Strategies for a sustainable Rhode Island, the State's Greenspace System, Community Design, Infrastructure, and Implementation. Suggested municipal responsibilities to act on the plan are indicated in 25 of the 29 Objectives and 73 of the 92 Strategies, meaning the Town has a very significant role in this statewide plan.

A. Accomplishments 2001-2008

The following provides a summary of the projects initiated as action items in the 2001 Comprehensive Plan Update:

Village District Ordinance

North Kingstown adopted a Village District Ordinance to encourage mixed-use development within existing neighborhoods and in the development of new neighborhoods.

Neighborhood Protection

An effort has been made to encourage cluster development and the use of Planned Unit Development (PUD) to maintain the historic village character, maximize the use of available infrastructure, conserve open space, protect natural resources, and increase the efficiency of public transit service and other alternative modes of transportation. The Town has also



encouraged development of diverse neighborhoods with a variety of housing types that serve varied socio-economic levels and age groups as appropriate.

Post Road Corridor Plan

The Town prepared a *Post Road Corridor Plan* that will serve as a guide to enhance and revitalize Post Road as the Town's primary commercial district and improve its commercial activity and visual quality. The plan recommends application of the Growth Centers concept to obtain the type of development desired for this area.

Agricultural Protection

North Kingstown has identified specific parcels for agricultural preservation and designated agricultural lands for preservation in order of priority. The Town continues to preserve high priority agricultural land by purchasing land in fee simple or by purchasing the development rights. The Town continues to obtain support from local, state and federal programs to fund acquisition or preservation of agricultural land or to fund the purchase of development rights on agricultural land. Through a real estate transfer tax North Kingstown is committed to supporting the use of local farm products to help ensure the viability of farming.

Affordable Housing

The Town adopted the *Affordable Housing Plan* in June 2005. The Town is working cooperatively with Habitat for Humanity to build units for sale to qualified applicants and with Crossroads RI to develop transitional housing units. However, new construction is not the only path to obtain affordable units and the Affordable Housing Plan lays out additional means to create affordable units such as inclusionary land use programs.

Wastewater Management

The Town has identified areas and established boundaries where sewer services and distributive wastewater management systems would permit increased density for multi-family and high-density single-family developments without substantially increasing the overall buildout of the Town or adversely affecting groundwater quality of the sole source Hunt Aquifer. North Kingstown has also coordinated with the State to allow innovative alternatives to conventional ISDS.

Coastal Protection

The Town developed waterfront zoning that accommodates marine dependent and related uses while protecting the water quality of Narragansett Bay. It has also continued to implement the recommendations of the Harbor Management Plan. Calf Pasture Point is being developed in a manner consistent with the Allen Harbor-Calf Pasture Point Master Plan. North Kingston worked with the RIDEM on the management of the John H. Chafee Nature Preserve. The Town will continue to secure opportunities for public access to the coast in established areas, and to encourage public access to fresh and saltwater bodies in all new developments.

Capital Improvements Plan

North Kingstown prepared and adopted a Capital Improvement Ordinance to help serve residents and businesses.



Sustainability

In 2003, Grow Smart Rhode Island and the Washington County Regional Planning Council commissioned the *Washington County Sustainable Economy Project*. The report made a number of recommendations for North Kingstown, including: promote office campus development on Quaker Lane, control retail expansion on Ten Rod Road, and promote redevelopment of areas adjacent to the Quonset Business Park.

Conservation Development Regulations

North Kingstown repealed the cluster development ordinance and regulations and has adopted non-mandatory Conservation Development regulations as amendments to the Town's Comprehensive Plan, Subdivision and Land Development Regulations and Zoning Ordinance. The significant changes in the regulations include:

- ❑ Not allowing land that is physically unsuitable for development, wetlands, steep slopes, etc. to count towards the minimum lot area required when creating new lots; and,
- ❑ Providing bonus incentives of up to 50 percent over the density allowed by zoning for:
 - Creation of lot sizes smaller than allowed by zoning;
 - Preservation of existing natural resources and location of development outside those resources;
 - Limiting the total number of bedrooms allowed; and,
 - Providing age-restricted housing within the development.

The new regulations will not only create well-designed subdivisions that protect open space and the character of the Town, they will also reduce construction costs and maintenance costs throughout the life of the development.

B. Public Visioning and Survey

The majority of residents surveyed marked North Kingstown's character as the aspect they most liked about town (29%), with its "rural, peaceful, friendly, small town feeling." This was followed by the natural environment and resources (16.1%), access and views to Narragansett Bay (14%), its central location in Rhode Island (10.8%), and public amenities such as parks, playgrounds, fields and library (10.8%).

When asked about their major concerns, taxes, schools and other municipal services ranked the highest. Redevelopment of Quonset and emergency preparedness ranked the lowest. Residential and commercial development were indicated as a middle ground. Most respondents found that the current level of commercial and residential development was about right, but that there may be too much residential development and not enough commercial development. Although a majority believes that sewer service should be expanded, the top reasons were for the environment and protection of groundwater quality, not development of land.

Survey respondents stated that the preservation and protection of the environment and open space ranked as the most important action North Kingstown should accomplish to manage land. The restoration and reuse of existing developed areas before building in undeveloped areas and the protection of farmland ranked second and third, respectively. These top three



were followed by: implement conservation zoning to protect open space while providing residential development; strengthen design guidelines; improve transportation and traffic circulation; and promote mixed use development.

C. 2008 Comprehensive Plan Update

The residents of North Kingstown have stated their desire to maintain North Kingstown's character and natural beauty. However, change is necessary to effectuate this goal. The Land Use goals, objectives and actions are intended to retain the best of the town character and to encourage change for the benefit of the community. The key program goals are:

- ❑ Preserve and protect the Town's villages with specific area planning and new regulatory protections. Design and construct streets and streetscapes consistent with unique village character;
- ❑ Identify the key qualities of historic Wickford and include the transferable qualities in the redevelopment of the Town's other commercial areas;
- ❑ Protect rural character and open space as part of the land development process and continue the Town's successful farmland preservation program;
- ❑ Improve Narragansett Bay quality and appreciation by implementing harbor management plans and ensuring compatible marine dependent activities; preserving, planning for, and regulating public access to the shoreline; and utilizing land use regulations to reduce pollution in near shore waters;
- ❑ Manage the rate, timing and location of growth so that it is compatible with the natural carrying capacity of the land and the Town's ability to provide efficient and adequate public facilities and services;
- ❑ Establish commercial and industrial uses that are compatible with the Town's character, that will provide local employment opportunities, and will improve the local tax base;
- ❑ Build Growth Centers defined by high quality, transit-oriented, mixed-used, pedestrian friendly, and high density development, which reinforce local historic character, and provide new options for joint living and working arrangements;
- ❑ Continue a tradition of effective regional planning through cooperative projects primarily with communities in the County, but also elsewhere in the State when there are common goals.

D. VISION STATEMENT

The community of North Kingstown seeks to protect and enhance its natural beauty and scenic assets, its traditional New England character, and its natural resources within healthy ecosystems. To retain North Kingstown's distinctive suburban, yet charming town character and to prevent unmanaged growth, historic areas should be preserved, new development



should reinforce our sense of place, and remaining open space and farmland should be preserved. High priority will be given to open space planning and sustainability.¹ Growth must be managed in a way that respects physical characteristics of the site, protects the surrounding area, and is supported with appropriate municipal services. To avoid suburban sprawl, the Town will promote an integrated mix of residential and commercial uses in existing village centers, new commercial and residential growth within designated “Growth Centers” as identified within the Post Road corridor and at Wickford Junction, and support the Urban Services Boundaries concept presented by Statewide Planning in *Land Use 2025*. New commercial development throughout Town should use the best qualities of the Wickford village center design to reinforce the North Kingstown identity. This Comprehensive Plan asks for sustainable economic development to promote a stable tax base for the Town. A key to this success is the close coordination between the Town and the Quonset Development Corporation, regarding the redevelopment of the over 3,000-acre Quonset Business Park. This coordination will help to ensure a successful outcome that benefits both state and community interests.

¹ *Open space planning is defined as land use patterns that reflect and respect natural resources, wildlife habitat and rural traditions and provide generous amounts of open space and recreational opportunities between built-up areas. Sustainability is defined as development that maintains or enhances economic opportunity and community well-being while protecting and restoring the natural environment upon which people and economies depend*



E. LAND USE DESCRIPTIONS

Residential Land Uses

Very Low Density Residential (VLDR)

Very Low Density Residential uses permit one dwelling unit per 120,000 to 200,000 square feet of lot area, or approximately 3 to 5 acres. This designation reflects natural and environmental constraints in the Town, as well as areas that lack infrastructure. VLDR uses are also designed for use at Pojac Point, where the existing zoning classification requires 5-acre minimum lots.

Low Density Residential (LDR)

Low Density Residential uses permit one dwelling unit per 80,000 to 120,000 square feet of lot area, or approximately 2 to 3 acres. This range of density is also used for environmentally sensitive areas and areas that rely on ISDS units for wastewater disposal.

Medium Density Residential (MDR)

Medium Density Residential uses permit one dwelling unit per 40,000 to 80,000 square feet of lot area, or approximately 1 to 2 acres. These areas generally include residential subdivisions that have been approved since the 1950s. This designation is predominate in the northern section of Town.

High Density Residential (HDR)

High Density Residential Uses permit one dwelling unit per 20,000 to 40,000 square feet of lot area, or approximately 0.5 to 1 acre. Most HDR areas consist of older Village Centers, former summer communities and former Navy or mill housing. HDR areas are connected to Town water service and are generally located close to major circulation facilities and commercial uses. Some HDR areas are on sewers that are connected to the Quonset Business Park Wastewater Treatment Facility. HDR areas include Wickford, Wickford Point, Plum Beach/Point, Davisville, Lafayette, and a number of neighborhoods off of Post Road.

Industrial Land Uses

Light Industrial

The emphasis of the Light Industrial designation is for the development of businesses that do not draw additional retail traffic. It includes uses, such as research and development facilities, industrial mini-warehouses, skilled trade businesses, warehouses, "clean" industry, and light manufacturing. It is also intended for industrial sites immediately adjacent to residential neighborhoods and in environmentally sensitive areas.



General Industrial

The General Industrial designation is for areas serviced by sewers and good transportation access. Uses in this designation include manufacturing, fabrication, assembly, processing, trucking, warehousing and distribution.

Waterfront Industrial

Waterfront Industrial area designations are located within the Quonset Business Park and support water dependent industrial activities.

Commercial Land Uses

Commercial

The Commercial designation is intended for intensive commercial activities relating to the daily needs of North Kingstown residents. Typical Commercial areas include supermarkets, drugstores, restaurants, and other convenience goods. Retail development, including shopping centers, restaurants, and the like that serve the needs of North Kingstown residents. Commercial developments along Post Road and Ten Rod Road by the Route 4 interchange are examples of this land use designation.

Neighborhood Commercial

The Neighborhood Commercial designation is to allow a mix of uses in the village center areas of Town. The businesses in this designation serve the needs of neighborhood residents. Small village scale business along Boston Neck Road and Tower Hill Road are examples of this land use designation.

Waterfront Commercial

Waterfront Commercial areas are established for businesses catering to marine activities and for small business operations. Examples of Waterfront Commercial include boatyards, fish or shellfish establishments, marine oriented recreational clubs for boating and swimming, and areas that construct or store boats.

Other Designations

High Density Mixed Use

The High Density Mixed Use designation is to provide a mix of commercial and residential uses at higher densities than what is permitted in most other areas of Town. Better site design practices shall be encouraged to facilitate the development of pedestrian friendly



environments, to leverage environmental improvements, to increase property values, to promote commercial development, and to improve the general aesthetic appeal of the area. The primary area for High Density Mixed Use is along the Post Road Corridor.

Quonset Mixed Use

The Quonset Mixed Use designation is for the development of commercial office, small-scale retail, hotel, and high-density residential housing in certain areas of the Quonset Business Park. Areas under this classification are located in the Gateway parcels, Davisville Waterfront, West Davisville, Kiefer Park and by the Airport. High-density residential housing consisting of multifamily and townhouse units will only be permitted in the West Davisville area.

Open Space

The Open Space designation identifies public and private land identified for conservation or recreational use. Open Space includes parks, golf courses, beaches, conservation areas, preserves and buffers around wetlands, streams and coastal features. Open Space in North Kingstown includes several large expanses of undeveloped land, such as Cocumscussoc State Park, Rome Point, and Casey Farm.

Public

Uses under the Public designation include federal, State, and Town buildings, community facilities, schools, religious institutions and cemeteries.

Airport

The Airport land use designation identifies the area dedicated to the Quonset State Airport. This area is designed for the landing and taking off of aircraft and is to be utilized in the interest of the public for those purposes.

Planned Village District (PVD)

The Planned Village District designation is intended to encourage development of harmonious, efficient and environmentally sound neighborhoods by promoting variety in land use, residential density and site design through the grouping or other configuration of buildings and by the preservation of unique features of the site and may include compatible residential and recreational uses.

Corporate Compound

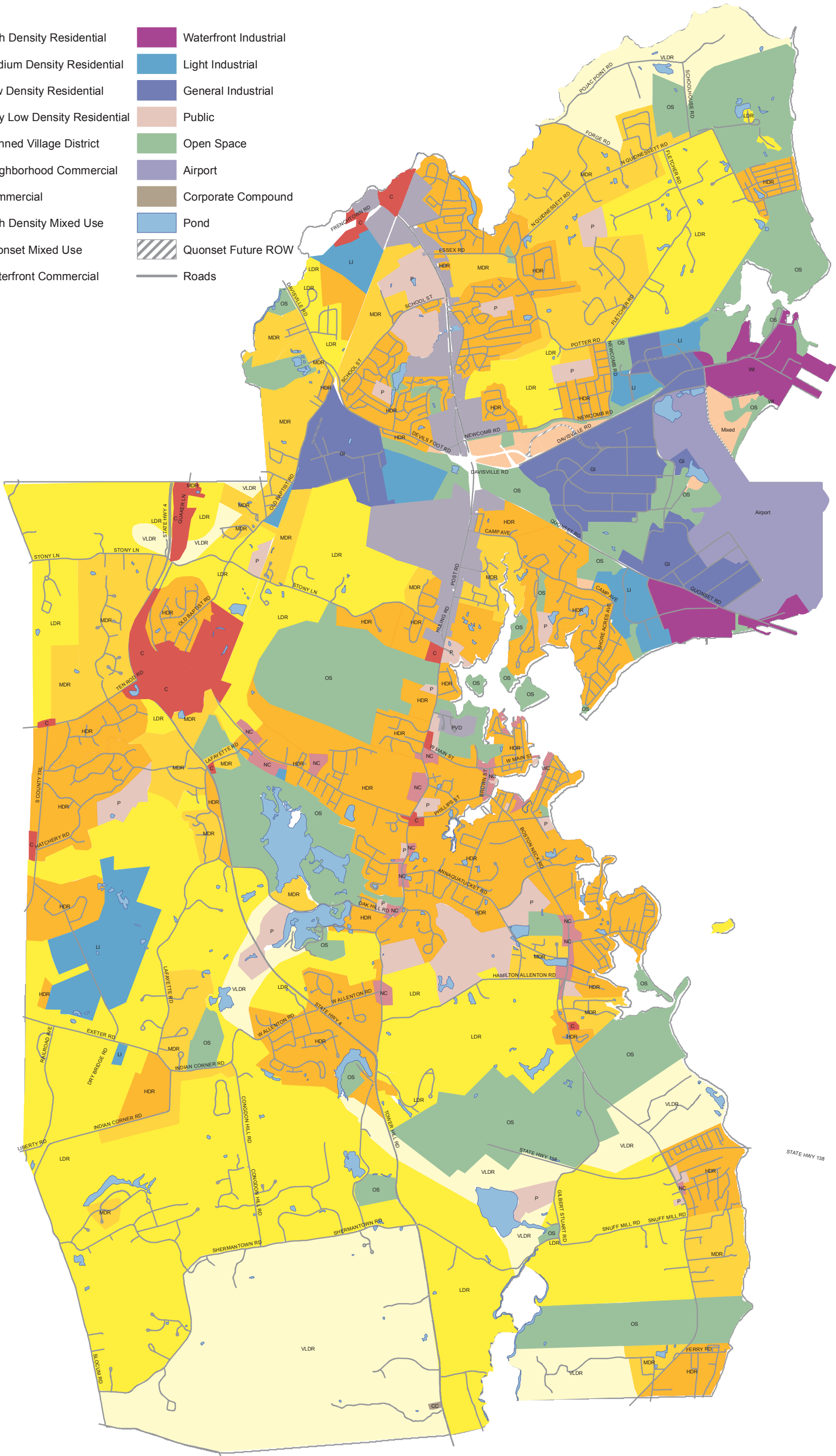
The Corporate Compound designation is established for the purpose of allowing corporate headquarters to locate within areas of the Town in which this activity will be compatible with surrounding uses. In residential areas, the Corporate Compound shall be allowed where it can

Town of North Kingstown

Future Land Use Map
September 24, 2008

Legend

- | | |
|------------------------------|-----------------------|
| High Density Residential | Waterfront Industrial |
| Medium Density Residential | Light Industrial |
| Low Density Residential | General Industrial |
| Very Low Density Residential | Public |
| Planned Village District | Open Space |
| Neighborhood Commercial | Airport |
| Commercial | Corporate Compound |
| High Density Mixed Use | Pond |
| Quonset Mixed Use | Quonset Future ROW |
| Waterfront Commercial | Roads |



1:46,240

0 0.25 0.5 1 Miles

This map is for reference purposes only. The Planning Department utilizes this information as a reference tool for review. This map is not intended for use as a site plan.



conform to the rural character of the existing area and where it will preserve open space. It is not the intent of this district to allow uses that are prohibited in other districts or that are inconsistent with the master plan. Wherever possible, siting shall preserve prime agricultural or scenic areas.

GOALS, OBJECTIVES AND ACTIONS

GOAL LU.1 MAINTAIN THE CHARACTER OF NORTH KINGSTOWN WHILE PRESERVING AND ENHANCING ITS SCENIC BEAUTY, NATURAL RESOURCES AND CULTURAL HERITAGE.

Objective LU.1.1 Protect, preserve and, where possible, restore the natural resources of North Kingstown.

(See Natural Resources and Cultural Resources Element Goal NC.1 and related Objectives and Actions and Open Space and Recreation Element Goal OS.1 and related Objectives and Actions)

Objective LU.1.2 Encourage development and redevelopment in existing villages based upon the concept of the traditional compact New England village and work to ensure full accessibility of the village for its occupants and visitors.

Action LU.1.2.1 Continue a thorough analysis of each village to determine its unique characteristics and qualities, as well as its historic, natural and cultural resources and create specific area plans for each village center to encourage ongoing preservation and to ensure compatible land use and economic development through maintenance or creation of buffers, or other means of land use separation, where appropriate.

Action LU.1.2.2 Consider locations to apply the Village District Ordinance such as the targeted Growth Centers.

Action LU.1.2.3 Continue to ensure that street furniture, lighting, utilities and signage in villages are compatible with the unique character of each village.

Action LU.1.2.4 Continue to encourage the RIDOT to install pedestrian-actuated controls at signalized intersections to improve pedestrian safety.

Action LU.1.2.5 Continue implementing the Wickford Village Plan, and consider the transferable qualities that other village centers could incorporate.

Objective LU.1.3 Protect existing residential neighborhoods and ensure that development of new neighborhoods is in character with the Town.

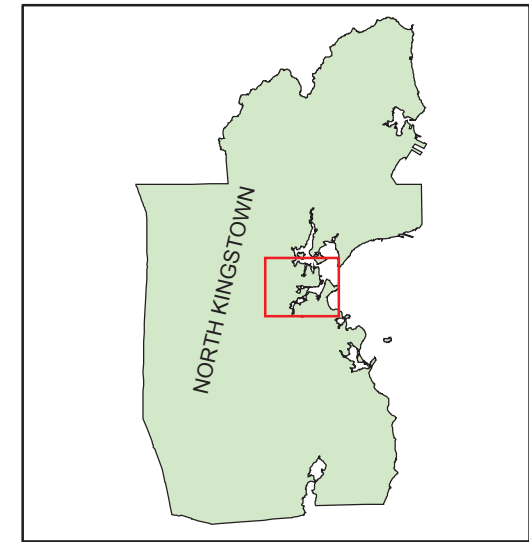
Action LU.1.3.1 Wherever possible, continue to encourage the use of conservation development to maintain the historic village character, maximize the use of available infrastructure, conserve open space, protect natural resources, and increase the efficiency of public transit service and other alternative modes of transportation.

Action LU.1.3.2 Continue to encourage the use of Planned Unit Developments (PUD) that result in high quality mixed use projects and create site designs that contribute to overall village character and achieve the various

Town of North Kingstown
Comprehensive Plan
Wickford Historic District
September 24, 2008

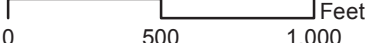
Legend

-  National Register Historic District
-  Local Historic District
-  Roads
-  Parcels





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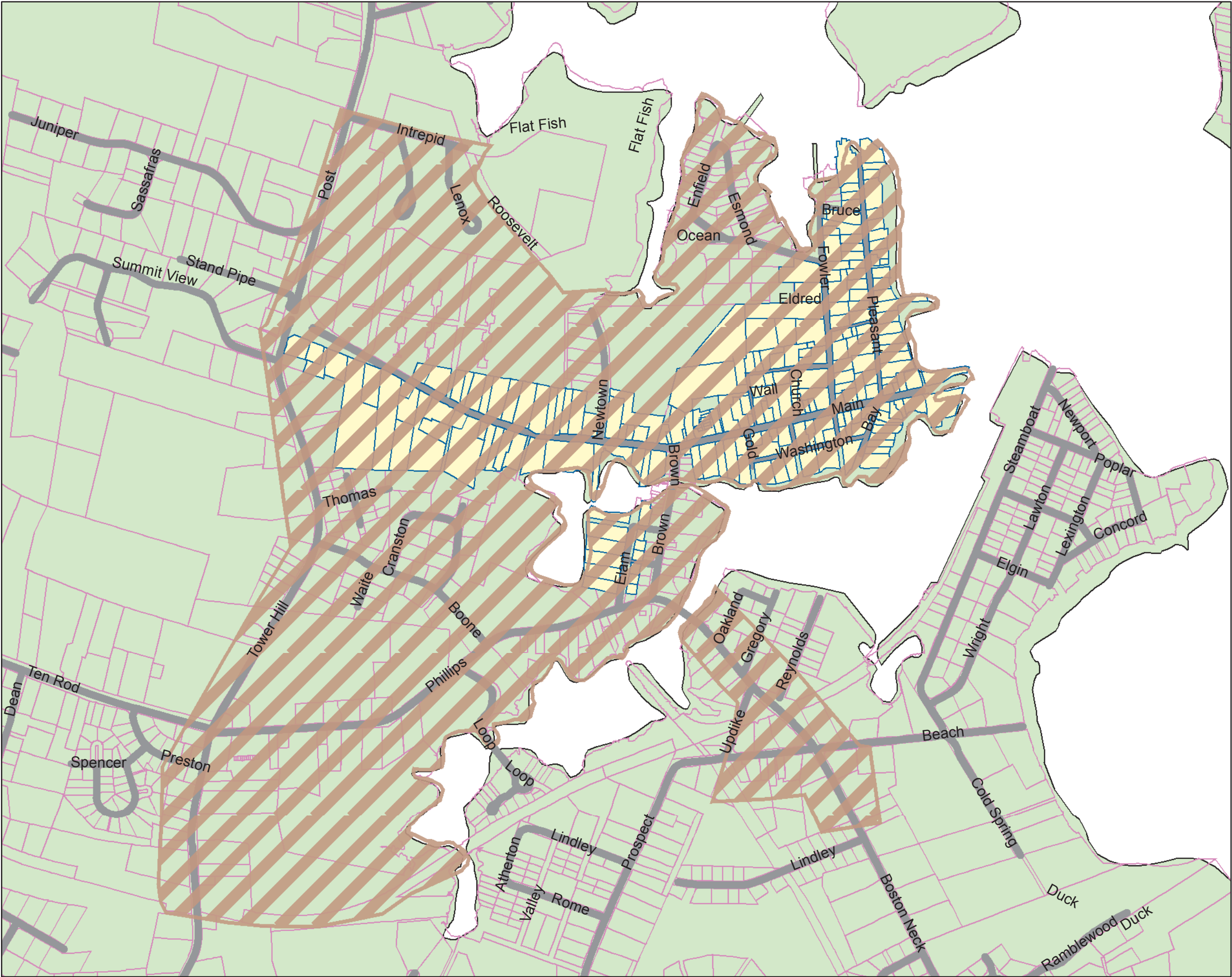


0 500 1,000 Feet



NORTH KINGSTOWN
INCORPORATED 1674

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objectives of infrastructure efficiency, use of alternative transportation modes, and open space preservation.

- Action LU.1.3.3** Continue to encourage design of new neighborhoods at a scale that supports walking and encourages biking.
- Action LU.1.3.4** Encourage the interconnection of neighborhoods by requiring adequate pedestrian and vehicular access to nearby subdivisions and between commercial centers and other facilities such as schools and parks.
- Action LU.1.3.5** Continue to encourage development of diverse neighborhoods with a variety of housing types that serve varied socio-economic levels and age groups as appropriate.
(See Housing Element Goals H.1 and Related Objectives and Actions)
- Action LU.1.3.6** Continue to utilize conservation development techniques, PUDs, conservation easements and/or preferential tax assessment tools to preserve natural resources, unique landscapes, open space, historic structures and archaeological sites.
(See Open Space, Conservation and Recreation Element, Goal OS.1 and Related Objectives and Actions)
- Action LU.1.3.7** Modify legal agreements to enable public access to trails within private dedicated open space in residential developments which is contiguous with trail networks in adjacent publicly owned natural open space to form a continuous and publicly-accessible greenspace network.
(See Open Space, Conservation and Recreation Element, Goal OS.1 and Related Objectives and Actions)
- Action LU.1.3.8** Create additional and maintain current historic districts to protect the existing housing stock and the character of significant areas.
(See Natural and Cultural Resources Action NC.2.4.1)
- Action LU.1.3.9** Prior to cessation of earth removal activities in the Slocum area, examine the appropriate future land use for the area.
- Action LU.1.3.10** Further develop the impact assessment methodology that evaluates the potential impact that new development can have on nearby properties.

Objective LU.1.4 Encourage the use of special design concepts that accomplish the goal of protecting the environment and community character.

- Action LU.1.4.1** Continue to consider ordinances that encourage private retention of open space for agricultural and forestry purposes.
- Action LU.1.4.2** Consider a Transfer of Development Rights (TDR) ordinance that could be applied:

- In groundwater protection zones, for transferring development rights from receiving areas closer to the wellhead to receiving areas outside the most sensitive recharge areas to protect water quality;
- In agricultural areas, using TDR to preserve farm land; and
- For Village Center, Growth Center, and TOD projects, using TDR to allow an increase in density at the project location, without an increase in the Town's total buildout.

Action LU.1.4.3 Prepare design standards for all commercial, industrial and business uses.

Action LU.1.4.4 Continue to develop design guidelines and performance standards that promote high quality mixed-use development in commercial areas.

Action LU.1.4.5 Consider adoption of Low Impact Design standards to improve long-term sustainability.

Action LU.1.4.6 Consider the adoption of environmental and energy efficiency standards, such as the Leadership in Energy and Environmental Design (LEED) program.

Objective LU.1.5 Encourage landscape diversity that creates identity and a sense of place, fosters the creation of distinct neighborhoods and villages, and respects the natural features of the land.
(See Open Space, Conservation and Recreation Element Goal OS.1 and related Objectives and Actions)

Objective LU.1.6 Encourage opportunities for commercial, office, and industrial land uses to increase local employment and tax income to the Town, while protecting the environment.

Action LU.1.6.1 Establish new mixed use centers considering the following:

- Targeted Growth Centers on Post Road;
- Implementation of the Village Center zoning;
- TOD at Wickford Junction.

Action LU.1.6.2 Continue to work with the QDC on redevelopment opportunities.

Action LU.1.6.3 Develop an Airport Overlay Zone around the Quonset State Airport consistent with RIGL 1-3:

- to preserve the airport as a local and regional resource,
- for the landing and taking off of aircraft,
- to be utilized in the interest of the public,
- to protect against noise and light impacts, as well as land use conflicts with surrounding properties.

Action LU.1.6.4 Coordinate the development of any multi-family or townhouse units with the Rhode Island Airport Corporation for consistency with the Airport Overlay Zoning in the Airport Overlay Zone.

Action LU.1.6.5 Continue to ensure that economic development is environmentally compatible through zoning performance standards and a site selection and land development review process based on environmental criteria and compatibility with nearby land uses.

Action LU.1.6.6 In village centers, continue to integrate commercial uses with existing development and cause minimal impact on nearby uses.

Action LU.1.6.7 Designate and design open space in commercial and industrial areas so that it is functional, aesthetically pleasing, and provides recreation for workers and patrons alike.

Action LU.1.6.8 Continue to promote land use patterns that encourage the use of rail and other means of mass transportation as a means to ease roadway congestion, and promote energy efficiency/conservation.

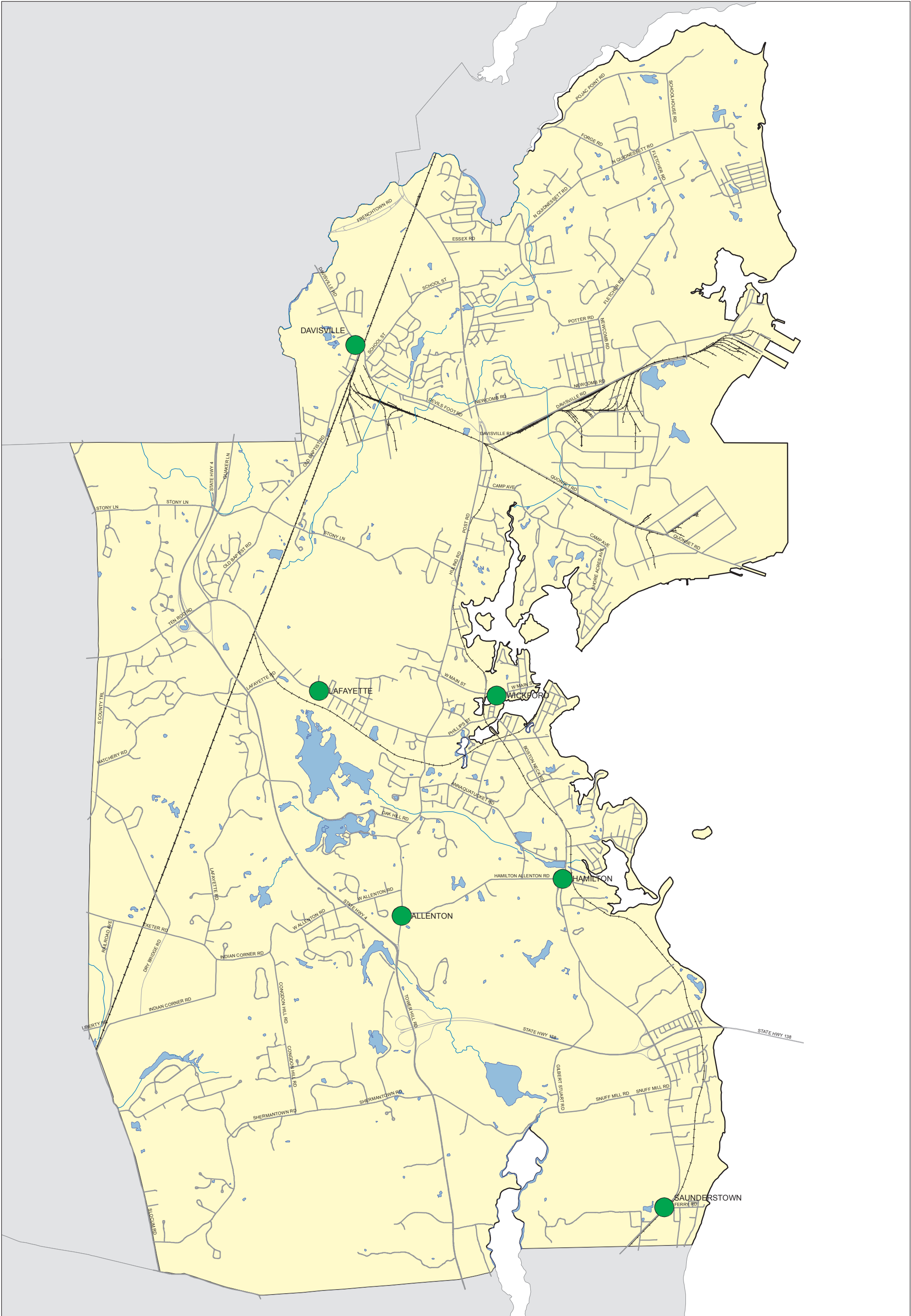
Action LU.1.6.9 Establish an Extraction Zoning District and rezone all duly licensed sand and gravel sites to this designation.

Action LU.1.6.10 Enact new regulations regarding earth removal and the siting, design, and reclamation of borrow sites that protects natural resources, nearby uses, and groundwater and provides for the restoration of forest resources.

Action LU.1.6.11 Continue to enforce requirements for reclamation plans and strengthen regulations where necessary for all gravel extraction operations.

Objective LU.1.7 Develop architecturally compatible and high quality civic buildings and community facilities within the villages and neighborhoods of North Kingstown.

Action LU.1.7.1 Prepare a design manual for all town buildings that promotes design of civic buildings that:



- reflects the character of North Kingstown
- becomes the focal point in village centers and traditional neighborhoods
- encourages community involvement in government,
- encourages efficient use of buildings;
- provides a forum for public participation; and
- ensures energy efficient and sustainable building practices.

Objective LU.1.8 Preserve and protect the Town's scenic resources.

- Action LU.1.8.1** Develop a Viewshed Protection Ordinance, and apply the ordinance to coastal, agricultural and historic areas.
- Action LU.1.8.2** Implement a Scenic Corridor Overlay Zone and clearly define standards to:
- Protect the scenic assets of state and local byways and highways.
 - Where permitted, strive for commercial development along scenic corridors that is compatible with surrounding uses.
- Action LU.1.8.3** Use height regulations and site guidelines to protect scenic vistas or consider implementation of performance based zoning to ensure that scenic corridors are maintained.
- Action LU.1.8.4** Amend zoning to require an undisturbed buffer along all properties abutting state highways designated as urban freeways/expressways to retain scenic qualities.

Objective LU.1.9 Control litter and maintain cleaner roads.

- Action LU.1.9.1** Consider programs to organize volunteer assistance.
- Action LU.1.9.2** Consider adopt-a-spot and adopt-a-road programs.

GOAL LU.2 PROTECT AND PRESERVE THE AGRICULTURAL CHARACTER OF THE TOWN.

Objective LU.2.1 Implement an agricultural preservation program.

- Action LU.2.1.1** Create a Farm Advisory Board to direct and oversee the agricultural preservation program.
- Action LU.2.1.2** Designate specific parcels for agricultural preservation and designate agricultural lands for preservation in order of priority.
- Action LU.2.1.3** Continue to preserve high priority agricultural land by purchasing land outright or by purchasing development rights.
- Action LU.2.1.4** Continue to obtain support from local, state and federal programs that can be used to assist in funding acquisition or preservation of agricultural land.

- Action LU.2.1.5** Participate in review of state property tax programs such as Estate Tax, Farm Forest and Open Space, and Historic Tax credits to determine options to preserve agricultural land.
- Action LU.2.1.6** Use the real estate transfer tax to fund the purchase of development rights on agricultural land.
- Action LU.2.1.7** Continue to support local farm products to help ensure the viability of farming;
- help promote markets for local farm products
 - support alternative farm and forest products such as specialty woods, recreation, and specialty foods
- Action LU.2.1.8** Consider the adoption of agricultural zoning.
- Action LU.2.1.9** Continue to encourage the use of the State Farm, Forest and Open Space tax program.

GOAL LU.3 PRESERVE AND PROTECT THE TOWN'S COASTAL RESOURCES AND MARINE DEPENDENT ACTIVITIES

Objective LU.3.1 Ensure that marine dependent activities² and harbor management are fully compatible with nearby uses and have access to available Town services through land use planning and appropriate permitting practices.

- Action LU.3.1.1** Continue developing waterfront zoning that accommodates marine dependent and related uses while protecting the water quality of Narragansett Bay.
- Action LU.3.1.2** Continue to implement the recommendations of the Harbor Management Plan.

Objective LU.3.2 Maintain, improve and develop public access to coastal waters for the benefit of all user groups.

- Action LU.3.2.1** Continue to develop Calf Pasture Point consistent with the Allen Harbor-Calf Pasture Point Master Plan.
- Action LU.3.2.2** Continue working with the RIDEM on the management of the John H. Chafee Nature Preserve.
- Action LU.3.2.3** Continue to secure opportunities for public access to the coast in established areas.
- Action LU.3.2.4** Continue to encourage public access to fresh and saltwater bodies in all new developments.

² Marine dependent activities that require planning consideration include swimming beaches, beachfront recreation facilities and parks, recreational boat ramps, boat moorings, commercial and sport fishing, fish farming, offshore mining of gravel and sand, dredging, commercial ship traffic, Quonset Business Park pier and airport uses, marinas, shipbuilding and repair, offshore gas and oil development, sewage treatment plants, power plant siting, as well as industrial development at Quonset Business Park.



Objective LU.3.3 Reduce pollution to Narragansett Bay through appropriate land use regulations and zoning.

Action LU.3.3.1 Continue to implement the Phase II Stormwater Runoff program.
(See *Natural and Cultural Resources Element Objective NC.1.2* and *Land Use Objectives LU 1.3* and *LU 1.4*)

GOAL LU.4 MANAGE GROWTH TO MAINTAIN THE CHARACTER OF NORTH KINGSTOWN.

Objective LU.4.1 Continue implementing growth management strategies.

Action LU.4.1.1 Continue to publish an annual report and approval process for growth management strategies.

Objective LU.4.2 Manage the rate, timing and location of growth so that it is compatible with the natural carrying capacity of the land and the Town's ability to provide adequate public facilities and services in an efficient and cost effective manner.

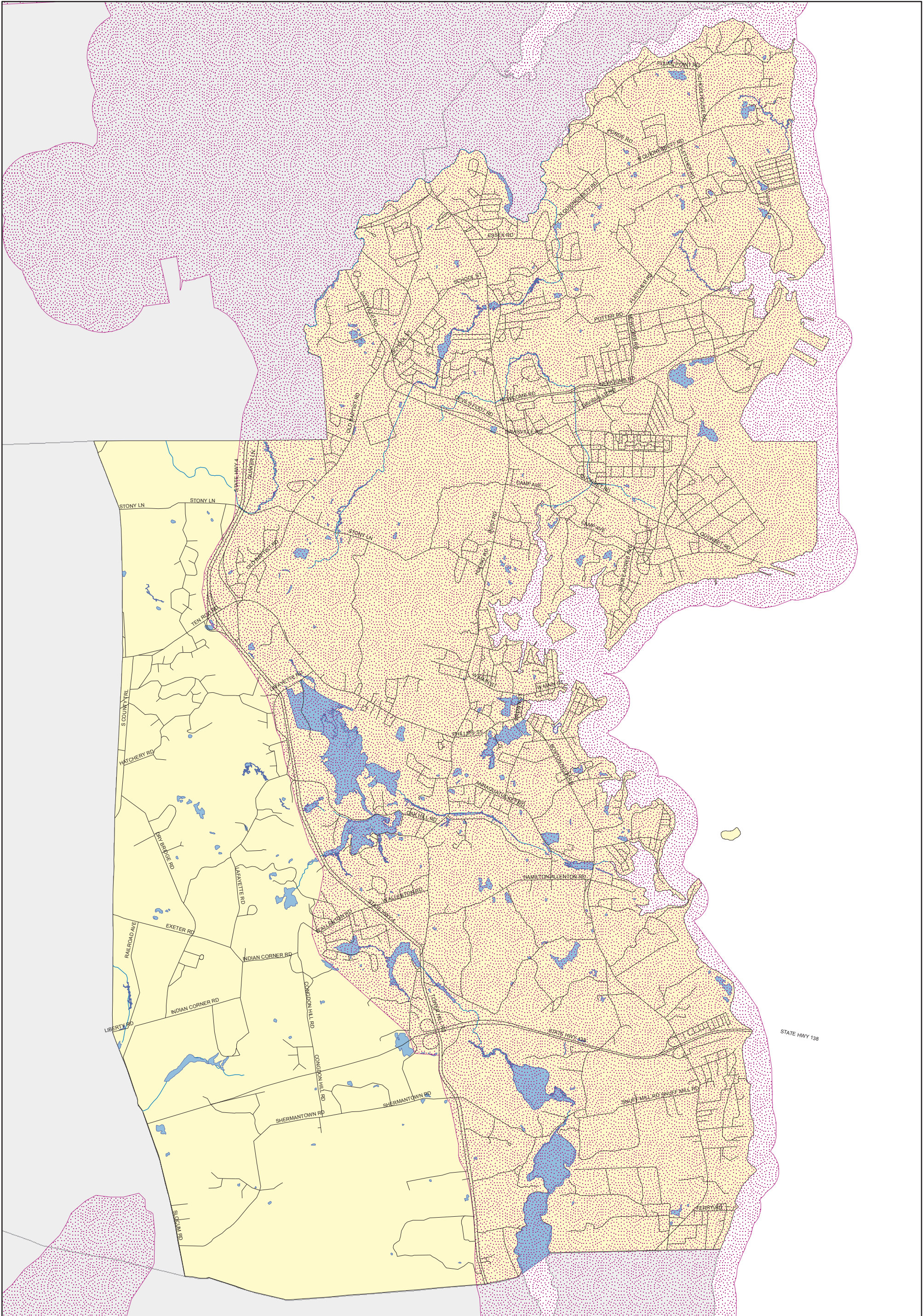
Action LU.4.2.1 Determine the limit of the Town's growth based upon but not limited to the following standards:

- the amount of land which should be left undeveloped to preserve the Town's character and quality of life;
- the amount of land necessary to support future Town facilities;
- the natural carrying capacity of the land to accommodate development, taking into consideration soil suitability, drainage conditions, wetlands, flood hazard, steep slopes, coastal features and other environmentally sensitive features;
- the population that can be served by the Town's groundwater resources; and
- consideration for the Urban Service Boundary promoted by Statewide Planning.

Action LU.4.2.2 Consider the development of an Adequate Public Facilities Ordinance that:

- establishes minimum levels of service that must be available for proposed development prior to issuance of building permits
- conditions development upon the availability of adequate public facilities
- considers the potential for high density development within the Urban Service Boundary promoted by Statewide Planning
- considers the limitations of development outside of the Urban Services Boundary.

- **Action LU.4.2.3** Consider the use of alternative programs such as TIF (tax increment financing) districts to provide cost effective services and concentrate growth in areas such as the Post Road Corridor.



Objective LU.4.3 Limit permitted land uses and residential densities based on the natural carrying capacity of the land.

- Action LU.4.3.1** Continue to review and revise permitted residential densities so that they do not exceed the natural carrying capacity of the land.
- Action LU.4.3.2** Continue to eliminate wetland areas when calculating permitted density on development sites.
- Action LU.4.3.3** Continue to apply overlay districts (unsuitable soil, wetlands, high water table, flood zones, steep slopes, and sensitive coastal features) uniformly throughout the Town in all zoning districts.
- Action LU.4.3.4** Continue to ensure that mitigation measures and compatible land uses are implemented on former waste disposal sites.
- Action LU.4.3.5** Consider the use of nutrient loading standards to protect public groundwater supplies.
- Action NC.1.3.6** Amend zoning for groundwater overlay protection district to limit the number of bedrooms per acre and not the number of units per acre. This could facilitate a diversity of housing types and encourage construction of smaller housing units and multifamily housing.
(See *Housing Element*)

Objective LU.4.4 Plan for capital improvements needed to serve residents and businesses.

- Action LU.4.4.1** Implement the adopted Capital Improvement Ordinance.

Objective LU.4.5 Ensure that new development projects do not adversely impact the character of the Town.

- Action LU.4.5.1** Adopt a Development Impact Analysis Ordinance that requires developers to submit an impact analysis for large-scale projects.
- Action LU.4.5.2** Explore regulations that trigger a local-level EIS for large-scale development.

Objective LU.4.6 Ensure high quality, architecturally compatible development consistent with town character.

- Action LU.4.6.1** Continue to develop and use the Design Review Guidelines that incorporate architecturally compatible, ecologically sensitive, aesthetically pleasing and defensible criteria.

Objective LU.4.7 Maintain the database needed to support growth management.

- Action LU.4.7.1** Continue to develop the Town's Geographic Information System (GIS).
- Action LU.4.7.2** Change Planning Districts to coincide with Census Tracts.
- Action LU.4.7.3** Continue to identify, document, and map forests, wetlands, ground and surface waters, wildlife habitats, agricultural land, greenbelts and other significant natural resources and open spaces to create a greenspace map.



Action LU.4.7.4 Continue to update mapping of wetlands as information becomes available.

Action LU.4.7.5 Continue to conduct a Priority Land Acquisition Assessment Project.

Objective LU.4.8 Assess the demand for housing to ensure a supply of affordable housing for all sectors of the Town's population.

(See Housing Element Objective H.1.1 and related actions)

Objective LU.4.9 Encourage regional planning.

Action LU.4.9.1 Maintain ongoing coordination and communication with nearby communities, with particular attention to shared natural resources and transportation systems opportunities.

Action LU.4.9.2 To the extent consistent with Town goals, continue to coordinate elements of the Town's Comprehensive Plan with corresponding elements of neighboring towns.

Action LU.4.9.3 To the extent consistent with Town goals, continue to coordinate roadway development with the land use plans of neighboring communities.

Action LU.4.9.4 Support regional planning activities of the Washington County Regional Planning Council to address areas of mutual concern with other communities.

Objective LU.4.10 Implement the Comprehensive Plan.

Action LU.4.10.1 Amend the Zoning Map so that it is consistent with all recommendations of the Land Use Element.

Action LU.4.10.2 Revise the Zoning Ordinance and Subdivision Regulations to incorporate specific performance standards identified in the Comprehensive Plan.
(See Housing Element)

GOAL LU.5 STRENGTHEN THE CAPACITY OF NEIGHBORHOOD GROUPS TO INFLUENCE DECISIONS THAT AFFECT THEIR NEIGHBORHOOD.

Objective LU.5.1 Budget through the Capital Improvement Program the implementation of the Davisville Neighborhood Revitalization Plan.

Action LU.5.1.1 Continue to support the Concerned Citizens of Davisville (CCOD).

Action LU.5.1.2 Execute a Memorandum of Agreement (MOA) among the original (founding) partners and the CCOD to implement the Davisville Neighborhood Revitalization Five-Year Plan.

Action LU.5.1.3 Designate a neighborhood representative to the Town's multi-year CDBG Advisory Committee to include representation in the review of grants sought by the Town, Revitalization Plan 'partner' groups, and other organizations for projects that affect the neighborhood.



- Action LU.5.1.4** Recommend nomination of a Davisville Neighborhood resident for appointment to the Quonset Development Corporation Board of Directors.
- Action LU.5.1.5** Ensure that the Police and Fire Department are properly staffed, equipped, and maintained to respond whenever necessary.
(See Community Services and Facilities Objective CS 9.1 and related Actions)
- Action LU.5.1.6** Improve linkages between Davisville Neighborhood and areas south of Quonset Point/Davisville, encouraging pedestrian and bicycle access.
(See Circulation Objectives C.2.1, C.2.8 and related Actions)
- Action LU.5.1.7** Improve the physical condition of Davisville Elementary School in order to provide children, faculty and staff with a learning environment equal to other elementary schools in North Kingstown.
(See Community Services and Facilities Objective CS. 10.3 and related Actions)
- Action LU.5.1.8** Restore Sawmill Pond as a neighborhood outdoor recreation/open space area.
(See Open Space Objective OS.2.1 and related Actions)
- Action LU.5.1.9** Complete and maintain facilities at Yorktown Park.
(See Open Space Objective OS.2.1 and related Actions)

III. Circulation

III. CIRCULATION ELEMENT

The Town of North Kingstown has a well-developed roadway system providing local and regional access. This roadway system has helped define the sense of place for North Kingstown's villages, neighborhoods, and commercial districts. Roads and highways are assigned by a functional classification system that is based upon the road's intended level of service. The five major classifications of roads present in North Kingstown are Freeway/Expressway, Principal Arterial, Minor Arterial, Collector, and Local:

- ❑ The freeway system is designed specifically for high-speed travel mobility and carries the majority of traffic that moves through North Kingstown. Freeways in North Kingstown include Route 1 (Tower Hill Road south of Route 4), Route 138, and Route 4. The image of North Kingstown for many southbound through travelers is one of transition to more rural sections of Washington County. Woods and scenic vistas, dominate the view from most of these limited access roadways.
- ❑ The arterial roads provide access between the freeways and residential, commercial, and industrial areas in North Kingstown. Arterial roads link North Kingstown's many villages including Wickford, Hamilton, Saundertown, Allenton, Wickford Junction, Davisville, and Quidnesset. Principal arterial roads in North Kingstown include Post Road and Tower Hill Road north of Route 4 (Route 1), Boston Neck Road (Route 1A), and Ten Rod Road (Route 102). Although many of the Town's commercial districts are located along Route 1 north of Wickford and on Route 102 in Wickford Junction, most arterials are residential roadways through older neighborhoods. RIPTA bus service generally provides increased mobility along arterial roads.
- ❑ A system of minor arterials distributes traffic from the principal arterial system into the community and serves as main streets in many village centers. North Kingstown's minor arterial streets include West Main Street and Brown Street in Wickford, Devils Foot Road (Route 403), Frenchtown Road, Quaker Lane, and Davisville Road and Roger Williams Way in the Quonset Business Park. The collector streets function primarily to collect traffic from local residential roads to arterial roads.
- ❑ Collector streets in North Kingstown include among others Camp Avenue, Congdon Hill Road, Fletcher Road, Dry Bridge Road, Hamilton Allenton Road, Lafayette Road, North Quidnessett Road, Newcomb Road, Old Baptist Road, Shermantown Road, and Stony Lane. Many of these rural residential roads are suitable for on-road bicycling and some have sidewalks that enhance walkability between neighborhoods.
- ❑ Local roads in North Kingstown primarily provide direct access to property. The local roads serve to provide low levels of travel mobility to and from the collectors and arterials. With low traffic volumes, these roads may be suitable for pedestrian and cycling use.

Each type of roadway is designed in accordance with adopted state and local design standards. Improvements to the Town's roadways are planned and constructed by the Rhode Island Department of Transportation (RIDOT), the Town of North Kingstown, or the developer, depending upon the ownership of the road and the funding source.

Currently, the State is in the process of constructing a new 4-lane limited access highway that extends approximately 4.5 miles from Route 4 to the Quonset Business Park. The new roadway will provide infrastructure improvements to complement development of the Quonset



Business Park by increasing roadway capacity, reducing congestion, delays and accidents, and separating through and local traffic. It will also reduce the impact of traffic (including truck volumes) on residents living adjacent to the existing Route 403.

Although circulation has historically been defined by the roadway system, multimodal/transportation options are increasingly available to North Kingstown residents. Bike paths, sidewalks, a proposed commuter rail station, RIPTA bus and ferry service provide alternatives to the passenger vehicles. Sidewalks and bike paths encourage healthy lifestyles while decreasing vehicle trips for local errands.

A. Accomplishments 2001-2008

The following provides a summary of the projects initiated by the Town of North Kingstown and the State of Rhode Island in response to action items in the 2001 Comprehensive Plan Update:

Scenic Roadways Application

The Town of North Kingstown has submitted an application to the RI Scenic Roadways Board to designate the Route 1/Tower Hill Road and Route 4/Colonel Rodman Highway Corridor as a Rhode Island Scenic Roadway. The North Kingstown Town Council endorsed the application on Monday, July 12, 2004. This corridor possesses significant scenic resources, which independently or in combination create an unusually attractive, continuous and integrated traveling experience for motorists and bicyclists. This designation will protect the natural, historical, cultural, archaeological, recreational and visible resources that contribute to the scenic quality of the corridor.

Wickford Streetscape Improvement Plan

Streetscape improvements have been completed on Brown Street from Phillips Street to West Main Street. This project reinforced the vibrancy of this unique waterfront, downtown, mixed-use commercial and historic district by upgrading intersections, sidewalks, landscaping, lighting, and other streetscape elements.

Wickford to Quonset Bikeway Feasibility Plan

The Town of North Kingstown conducted a bike facility feasibility study from Town Hall on Boston Neck Road to the Quonset Business Park area at Newcomb Road. The proposed 2.5-mile facility includes both off-road shared use paths adjacent to Post Road or through Wilson Park and other town-owned land and on-road striped shoulders on Brown Street, West Main Street and Hope Dale Drive. Linked destinations along the proposed route include Town Hall, Wickford Village, Wilson Park, Smith's Castle, YMCA, with connections to Post Road businesses, local neighborhoods and the Quonset Business Park. The Town Council approved this plan in January 2005.

South County Commuter Rail Service

RIDOT, in cooperation with the Massachusetts Bay Transportation Authority (MBTA), plans to extend the current Boston to Providence commuter rail service southward along the Amtrak Northeast Corridor to an initial terminus at a new station at Wickford Junction Plaza. This service will improve multimodal transportation opportunities for town residents and help



address the growing travel demands on the West Bay and South County corridors. Service is projected to begin in late 2008, early 2009.

South County Commuter Rail Transit-Oriented Development Planning Strategy

The Town of North Kingstown participated with the Washington County Regional Planning Council (WCRPC) and the Rhode Island Statewide Planning Program on a study of potential growth and land use impacts of the planned extension of commuter rail service south of Providence to Wickford Junction Plaza. The study outlined transit supportive design opportunities to maximize residential and mixed-use development within walking distance of the proposed station.

Post Road Corridor Study

As indicated in the Post Road Element, the Town has conducted a study to improve economic development, design, and traffic flow on Post Road north of the State Police barracks to the East Greenwich town line.

Freight Rail Improvement Project

RIDOT has continued with the Freight Rail Improvement Project (FRIP) to reduce truck traffic volumes on local roads. The FRIP will also provide a major economic boost to the State and the industrial development of the Quonset Business Park. Completion of the FRIP will trigger two-way movement in freight traffic from Quonset to Worcester as the Quonset Business Park grows and attracts businesses that rely on freight rail service.

Rhode Island Travel Corridors Technical Paper 152

In 2003, Rhode Island Statewide Planning Program conducted an assessment of travel corridors throughout the state, including Routes 1, 2, 4, and 138 in North Kingstown. The following visions were identified for future implementation:

- ❑ Commuter traffic into the Providence metro area is reduced through access to commuter rail and improved bus service. Local character is preserved with higher densities, mixed use and transit oriented development at the Corridor's train stations.
- ❑ Scenic Route 1A continues as a coastal road and community connector, while Route 2 maintains its rural character as a major connector to the northern part of the state. Route 1 is redesigned to address safety concerns and reduce curb cuts and median turn-arounds.
- ❑ Route 138 continues as the main access road to the University of Rhode Island as well as a major connector between I-95 and Newport. The historic character of Kingston and its scenic beauty is retained through improved traffic management along Route 138.

Zoning and Land Development Regulation Amendments

The Town has proceeded with amending zoning and land development regulations in accordance with recommendations of the 2001 Comprehensive Plan Update. The Town has formulated and adopted a local roadway functional classification system, adopted typical roadway cross sections for arterial, collector and local roads, reduced road widths and curb requirements for new subdivision streets, implemented access and curb cuts spacing criteria for arterial and collector roads, revised subdivision street standards to include performance standards, required private roads to be built and maintained to town standards, and implemented development standards for roadway improvements to existing paper streets.

B. Public Visioning and Survey

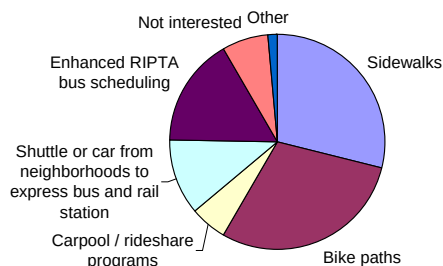
When asked about travel conditions on the Town's roads, survey respondents most frequently identified five intersections, including several that are under construction or where improvements have recently been completed, as dangerous:

- ❑ Phillips Street and Brown Street with streetscape improvements completed;
- ❑ Old Baptist Road at Ten Rod Road (Route 102);
- ❑ Shady Lea Road at Tower Hill Road (Route 1);
- ❑ Tower Hill Road (Route 1) and Shermantown Road - crossover blocked by RIDOT;
- ❑ School Street and Devil's Foot Road - under construction as part of the Route 403 project

The RIDOT has made improvements at the intersection identified as the most dangerous in the 1999 survey, Route 1 and Route 102 (Tower Hill Road at Ten Rod Road), by modifying the roadway geometry. The Phillips Street intersection at Brown Street in Wickford remains on the list, despite the completion of streetscape improvements along Brown Street, which included this intersection. According to the 2006 resident survey, the Route 1 and Route 4 intersection has dropped from the third to sixth most dangerous intersection. New additions to the top five most dangerous North Kingstown intersections list include Old Baptist at Ten Rod Road and Shady Lea Road at Tower Hill Road.

In general in the 2006 survey, residents reported dissatisfaction with street repairs, with nearly two-thirds describing them as "poor" to "fair."

Support for Multimodal Transportation Options



As indicated in the chart, survey respondents demonstrated strong support for sidewalk and bike path construction as initiatives to improve multimodal transportation options in Town. This was also expressed at the January 2006 visioning meeting. Enhanced RIPTA scheduling and provision of a shuttle from neighborhoods to express bus and rail stations also had support.

Several survey questions addressed the proposed MBTA commuter rail station at Wickford Junction. Over half of respondents indicated that they would



use commuter rail for personal travel (51.2 percent) while 16.3 percent said that they would use it for business travel. Half of those who indicated they would use commuter rail (50.6 percent), indicated they would drive alone and park at the station and 27.0 percent indicated that they would get dropped off. Providence (25.1 percent) and Boston area (35.1 percent) were cited as commuter rail destinations.

C. 2008 Comprehensive Plan Update

The Comprehensive Plan Update focuses on maintaining a network of transportation facilities that helps define a sense of place among its villages and commercial centers, provides regional and local access for all segments of the population using many transportation modes, and is compatible with the Town's desire to preserve and protect its resources. The goals, objectives, and actions of the Circulation Element address three broad concerns:

- ❑ Maintaining and enhancing regional and local mobility by:
 - Emphasizing place, connectivity and safety while deemphasizing roadway capacity and reduced travel time;
 - Using transportation system management techniques to more fully utilize existing transportation facilities;
 - Identifying unsafe roadway conditions and planning for improvements as needed;
 - Implementing a Pavement Management Program for local streets;
 - Creating village circulation improvement zones;
 - Participating in state highway planning programs;
- ❑ Improving the availability and use of alternative transportation modes such as buses, carpools, vanpools, jitneys, commuter rail service, ferries, bicycles, and walking paths;
- ❑ Protecting the Town's environmental, cultural, and aesthetic resources and general rural character from adverse impacts of transportation system improvements.

D. Vision Statement

Our vision of the circulation system in North Kingstown is a well-maintained network of transportation options that provides for safe and adequate traffic flow, while also promoting historic, cultural, environmental and aesthetic values in harmony with the Land Use Plan; protects the character of the Town; allows movement of through-traffic on a regional basis, provides adequate local traffic movement, and connects regional and local transportation facilities; and provides transportation for all sectors of the population, and actively encourages use of mass transit and non-automotive alternatives.

GOALS, OBJECTIVES AND ACTIONS

GOAL C.1 PROVIDE FOR THE ADEQUATE MOVEMENT OF TRAFFIC ON A REGIONAL AND LOCAL BASIS THROUGH NORTH KINGSTOWN.

Objective C.1.1 Participate in planning for improvements to state roadways.

- Action C.1.1.1** Work with RIDOT to ensure that its proposed projects are consistent with the goals and objectives of the Comprehensive Plan.
- Action C.1.1.2** Determine the effects of State road projects on the Town's secondary roadway system.
- Action C.1.1.3** Develop a Town policy to require measures that must be followed in order to minimize the impact of development activities on the secondary roadway system.
- Action C.1.1.4** Work with RIDOT to oversee construction at cloverleaf, merge and crossover lanes of Routes 1, 4, and 138 – Jamestown Connector.
- Action C.1.1.5** Work with RIDOT to improve the overall signage along the South County Corridor emphasizing safety, public information, alternative routes, alternative transportation linkages and corridor changes.
- Action C.1.1.6** Routinely review federal, state and local highway construction projects to ensure compliance with environmental permitting, stormwater management plans, and approval processes.

Objective C.1.2 Plan for transportation improvements at the Quonset Business Park. (See *Quonset Element*)

Objective C.1.3 Improve local circulation.

- Action C.1.3.1** Continue to use transportation system management (TSM) techniques (e.g., access control, traffic signal synchronization, signage coordination, variable message signs) to better, and more fully utilize existing transportation facilities.
- Action C.1.3.2** Coordinate land use and transportation activities in future development, particularly with regard to the development practices and standards that are in place or necessary to prepare for the capacity and functioning of arterial highways within the Town.
- Action C.1.3.3** Create a Village Circulation Improvement Zone and Village Growth Center along the Post Road Corridor, within which a variety of pedestrian, parking and vehicular improvement strategies can be implemented in an effort to minimize automobile trips within the village center and maintain the human scale of the village. The following are some of the proposed strategies:
 - Provide on-street parking to buffer pedestrians from through-traffic;
 - Provide sidewalks for pedestrian and roadway shoulders for bicycle travel;
 - Provide bicycle storage facilities;

- Provide pedestrian amenities including shade, places to sit and rest, drinking fountains, public restrooms where appropriate;
- Provide a mix of land uses within easy walking distance from traditional neighborhoods;
- Provide pedestrian and bicycle connections to nearby residential areas from commercial areas;
- Provide transit stops, including shelters, if ridership warrants; and
- Institute measures to slow down through traffic to maintain village character and protect public safety.

Action C.1.3.4 Promote the expanded use of freight rail to conserve energy, reduce roadway congestion, and minimize damage to roads and bridges caused by heavy traffic.

Action C.1.3.5 Identify and designate appropriate truck routes away from residential areas.

Action C.1.3.6 Continue to maintain access and directional signage to regional commercial and industrial centers to reduce through traffic on local roads.

Action C.1.3.7 Identify existing paper streets and assess their potential as pedestrian walkways, roads, bicycle paths.

Action C.1.3.8 Amend Town of North Kingstown Land Development Regulations to require a continuous street grid for subdivision roadway construction (avoid cul-de-sacs) and require pedestrian connections between abutting subdivisions.

Objective C.1.4 Promote the use of traffic calming techniques.

Action C.1.4.1 Reduce roadway widths in Land Development Regulations to slow the speed of on-street traffic.

Action C.1.4.2 Identify crossroads where the roadway width should be reduced with neckdowns to increase pedestrian safety.

Objective C.1.5 Provide for the circulation needs (e.g., piers, docks, moorings, and channels) of marine dependent uses.

Action C.1.5.1 Identify the circulation needs of marine dependent uses.

Action C.1.5.2 Improve the facilities that provide access to marine dependent uses, such as parking lots and dredged channels.

Objective C.1.6 Provide public access points to Narragansett Bay and other water features in Town.

(See Land Use Element Objective LU.3.2 and related Actions)

Objective C.1.7 Ensure adequate access for emergency vehicles.

Objective C.1.8 Ensure safe roadway conditions.

Action C.1.8.1 Continue to identify unsafe and congested areas for future improvement

Action C.1.8.2 Establish site-specific means to improve safety and adequate movement in conformance with applicable roadway corridor design standards such as:

- Intersection redesign;
- Segment redesign;
- Signalization;
- Round-about design;
- Cloverleaf design;
- Sidewalk construction;
- Stormwater management;
- Bicycle lanes;
- Reduced/combined curb cuts through access management.

Action C.1.8.3 Work with RIDOT to improve safety at high accident locations.

Action C.1.8.4 Consider roundabouts for all intersections proposed for traffic signals.

Action C.1.8.5 As part of the Tree Inventory Management Plan, continue to work with National Grid in conducting regular tree trimming to maintain clear roadways, especially along evacuation routes and roads that offer a single point of access to coastal or flood prone neighborhoods.

Objective C.1.9 Maintain the Town's roadways.

Action C.1.9.1 Routinely update an inventory of road conditions and necessary maintenance programs.

Action C.1.9.2 Develop and implement a cyclical Bridge Management Program to regularly repair and maintain the Town's bridges.

Action C.1.9.3 Continue to implement a cyclical Pavement Management Program to regularly repair and maintain the Town's roadways.

Action C.1.9.4 Develop and implement a public rights-of-way marking and access maintenance program.

Action C.1.9.5 Continue to incorporate necessary roadway improvements into the Town's Capital Improvement Program.

Action C.1.9.6 Continue to improve drainage on existing roadways, especially in older neighborhoods and areas of public water supply.

Action C.1.9.7 Require that improved stormwater systems meet current state and federal regulations when upgrading or reconstructing roads.

Objective C.1.10 Develop emergency evacuation routes throughout the Town.

Action C.1.10.1 Work with the RIDOT in placing signs at significant egress points to aid residents and visitors in the event of an evacuation. Place placards on emergency shelters identifying them as such.

Action C.1.10.2 Request Verizon publish North Kingstown evacuation maps, including emergency shelter locations, in the Community Section of the local phone book.

Action C.1.10.3 Work with neighboring towns to ensure emergency evacuation plans are coordinated and compatible.

Action C.1.10.4 Work with hotels, bed and breakfasts, and any other facilities hosting tourists and out-of-town visitors to distribute information on Town evacuation routes and shelter locations.

Objective C.1.11 Improve traffic flow and pedestrian safety along the Post Road Corridor.

Action C.1.11.1 Implement the Post Road Corridor Plan's recommendations including intersection geometric improvements, streetscape improvements, traffic signal modifications; pedestrian and bike facility (off-road path or on-road route) accommodations; and traffic calming and safety measures.
(See *Post Road Element Objectives P.1.1, P.1.3 and related Actions*)

GOAL C.2 IMPROVE THE AVAILABILITY AND UTILIZATION OF ALTERNATIVE TRANSPORTATION MODES.

Objective C.2.1 Encourage a land development pattern that supports the use of alternative modes of transportation.

Action C.2.1.1 Coordinate the Town's transportation and land use policies (for example, concentrating development) so as to make the expanded use of alternative transportation modes more practical and cost effective.

Action C.2.1.2 Require linkage of neighborhoods to adjacent destinations and neighborhoods through roadway connections, pedestrian walkways and bicycle paths.

Action C.2.1.3 Amend Town of North Kingstown Land Development Regulations to require construction of adequate sidewalks and bike facilities within proposed developments with extensions to logical destinations or crossroads.

Action C.2.1.4 Enable easy access from residential areas to commercial and employment areas through the use of alternate modes of transportation (e.g., shuttle bus, vanpool, pedestrian walkways, and bicycle paths)

Action C.2.1.5 Designate Growth Centers in areas with multi-modal transportation options.

Action C.2.1.6 Implement affordable housing projects in areas served by public transportation and other alternatives to private vehicles.

Objective C.2.2 Encourage development of multi-modal transportation hubs.

Action C.2.2.1 Identify areas of Town where multi-modal transportation hubs can provide a range of alternative transportation options for residents and visitors.

Action C.2.2.2 Develop transit centers in West Davisville and Wickford Junction. Provide pedestrian and bike path connections from adjacent neighborhoods, as appropriate.

- Action C.2.2.3** Develop additional alternative modes of transit in Wickford that would minimize need for additional parking areas. Consider remote parking and trolley service to events in Wickford such as the Wickford Art Festival.
- Action C.2.2.4** Coordinate with Quonset Development Corporation to facilitate a multi-modal transportation hub at the Quonset Business Park, incorporating air travel, ferry, RIPTA and bicycle options.
- Objective C.2.3** Provide adequate parking in congested areas (village centers, commercial areas and industrial parks) of the Town.
 - Action C.2.3.1** Develop a parking strategy for the Town that will provide sufficient short-term parking. Strategies could include remote employee parking and enforced time limits for on-street parking.
 - Action C.2.3.2** Link the Town's parking strategy to alternative forms of transit (e.g., reduce parking requirements for locations served by RIPTA bus or ridesharing).
 - Action C.2.3.3** Facilitate shared-use of privately owned parking to better utilize existing paved lots, reduce the amount of impervious surfaces, reduce curb cuts, reduce construction costs, and improve site appearance.
 - Action C.2.3.4** Install bike racks at Village centers to encourage access by bicycle.
- Objective C.2.4** Encourage employers to participate in vanpooling and carpooling programs.
 - Action C.2.4.1** Encourage the Quonset Development Corporation and the Chamber of Commerce to implement transit options such as Transportation Management Associations within the Quonset Business Park.
 - Action C.2.4.2** Reduce the parking requirements for firms/businesses that implement Transportation Management Associations.
- Objective C.2.5** Support jitney services throughout Town.
- Objective C.2.6** Actively encourage the provision and extension of commuter rail service to North Kingstown, and other areas of South County, consistent with the 1999 Rhode Island Rail Corridor Feasibility Study and *RIDOT's 2003 South County Commuter Rail Environmental Assessment*.
 - Action C.2.6.1** Encourage RIDOT to extend MBTA commuter rail system south of Wickford Junction to reduce affects associated with being considered the 'end of the line'.
 - Action C.2.6.2** Encourage RIDOT to consider a commuter rail stop at West Davisville to provide convenient access to the Quonset Business Park.
 - Action C.2.6.3** Encourage RIDOT/MBTA, Rhode Island Public Transit Authority (RIPTA) and ferry operators to coordinate service.

Objective C.2.7 Ensure that alternative modes of transportation (e.g., bus pullouts, parking for multiple occupant cars, car and van pool vehicles, and appropriate shelters) where appropriate in all new and revitalized development.

Action C.2.7.1 Work with RIPTA, other service providers and developers to encourage use of alternative modes of transportation.

Action C.2.7.2 Consider a Town-wide alternative transportation demonstration project.

Action C.2.7.3 Encourage RIDOT to create adequate long term parking as appropriate at mass transit stops to facilitate and encourage the use of mass transit.

Action C.2.7.4 Encourage school classes to design signage for carpool parking spaces through a design competition to foster awareness of trip reduction among future drivers.

Action C.2.7.5 Work with RIPTA, MBTA, island ferry operators, and the Washington County Regional Planning Council to coordinate service to local destinations, T.F. Green Airport, ferry terminals, train stations, and Providence.

Objective C.2.8 Develop a network of bikeways and pedestrian paths/routes to connect existing and planned recreational facilities, open spaces and other destinations throughout the community.

Action C.2.8.1 Support the development of bicycle paths in existing rights-of-way (e.g., roadways, paper streets, abandoned railroad rights-of-way and utility easements).

Action C.2.8.2 Implement *Wickford to Quonset Bike Path Study* recommendations as approved by Town Council in January 2005

- Off-road "shared use path" on east side of Post Road right of way between Camp Avenue and Hope Dale Drive.
- Signed, "share the road" on Post Road between Newcomb and Camp Avenue, Hope Dale Drive, West Main Street, Brown Street and Boston Neck Road.
- Off-road "shared use path" south of Hope Dale Drive to Wilson Park.

Action C.2.8.3 Require bike racks at all municipal, commercial and recreational destinations.

Action C.2.8.4 Connect schools, residential areas, recreation areas and commercial areas via bikeways and walkways.

Action C.2.8.5 Link the pedestrian trails and bikeways with other transportation modes.

Action C.2.8.6 Implement the *Post Road Corridor Plan* recommendations:

- Incorporate shared-use paths in existing rights-of-way.

Action C.2.8.7 Sign Philips Street and Ten Rod Road for "share the road" bike route as approved by Town Council, January 2005.

Action C.2.8.8 Publish maps (or post on the Town website) of off-road "shared use paths" and roadways suitable for on-road "share the road" bike use.

Action C.2.8.9 Develop an on-road “share the road” bike network and post with Town signage. Encourage school classes to design signage through a competition to foster cycling safety and exercise benefits. On-road signs should be simple, straightforward and in a uniform format.

Objective C.2.9 Provide public signage and adequate parking, where appropriate, at Town facilities, recreational, open space and shore access points.

GOAL C.3 ENSURE THAT NEW AND REDESIGNED ROADS AND INTERSECTIONS PRESERVE NEARBY ENVIRONMENTAL, CULTURAL, AND AESTHETIC CHARACTER, AND ARE IN ACCORDANCE WITH THE COMPREHENSIVE PLAN.

Objective C.3.1 Encourage the RIDOT to consider the needs of residents as well as the needs of the road users in the planning, design and construction of North Kingstown roads.

Objective C.3.2 Enhance the quality of the Town's roadways, while maintaining appropriate character within the Town.

Action C.3.2.1 Provide Town input and recommendations to Rhode Island Statewide Planning Program and the Rhode Island Department of Transportation to ensure that all roads in North Kingstown are properly classified based upon the criteria of the Highway Functional Classification System.

Action C.3.2.2 Continue to require private roads be built to Town construction standards and maintained.

Action C.3.2.3 Continue to enforce development standards for roadway improvement to existing paper streets.

Objective C.3.3 Recognize, preserve, and enhance scenic, residential, historic, rural and commercial corridors in the Town.

Action C.3.3.1 Identify and designate a series of roadway corridor types based on aesthetic, visual, environmental and land use characteristics.

Action C.3.3.2 Formulate, adopt and enforce roadway corridor design standards that protect the environmental quality of all roadway corridors (e.g., drainage control, lighting, utilities, road width, landscape buffers and signage) and establish and reinforce the character and values of each roadway corridor type.

Action C.3.3.3 Adopt and implement a Scenic Corridor Overlay Zone
(See *Land Use Element Objective LU.1.5 and Related Actions*)

Action C.3.3.4 Continue to ensure that all State proposals for road projects in North Kingstown are in conformance with the Town's roadway corridor standards, and promote the environmental, cultural and aesthetic objectives of those standards.

Action C.3.3.5 Work with the State to designate Route 1A as a scenic highway. Post signage to direct tourists and visitors to scenic roads. Provide scenic designations on maps provided at the Chamber of Commerce.



Action C.3.3.6 Support the designation of Route 1 (Tower Hill Road), and Route 4 (Colonel Rodman Highway Corridor) as scenic roadways.

Action C.3.3.7 Designate town-owned right of way at prominent intersections for landscaping by volunteer organization or local businesses as part of an “adopt a spot” program.

Objective C.3.4 Ensure that State and Town road reconstruction, restoration or pavement projects include stormwater improvements utilizing best management practices to meet state and federal requirements.

IV. Economic Development

IV. ECONOMIC DEVELOPMENT ELEMENT

Overall, indicators show economic improvement in Rhode Island. According to federal information, the modest growth of 2 percent in 2006 is expected to expand to 2.8 percent next year regardless, or possibly because, of a cooling in the housing market. Job growth is projected to double in the next year, particularly in the areas of leisure, hospitality, education, health and professional services, and for the latter especially financial services and network systems.

It is therefore very appropriate that the citizens of North Kingstown are now carefully considering additional economic development. The Town continues to experience growth in the commercial and industrial market segments. However, the Town has become increasingly interested in the amount, location and quality of commercial development and continues to work with the development community to promote the best design in new commercial projects.

The residents are generally in favor of additional commercial development but want it to occur within specific areas and only under certain standards of quality and character. The citizens generally prefer that new mixed use commercial and industrial development occur inside the Quonset Business Park rather than most elsewhere in the community. However, residents are concerned about their taxes and recognize that a stable community requires a good tax base. What is desired is a local economy that is sustainable and stays in character with the rest of the community.

In 2003, Grow Smart Rhode Island and the Washington County Regional Planning Council commissioned a report called *Washington County Sustainable Economy Project*. Sustainable Development, as defined by Rhode Island Governor's Growth Planning council, is "development that maintains or enhances economic opportunity and community well-being while protecting and restoring the natural environment upon which people and economies depend." The report showed that North Kingstown's job growth dropped 3 percent between 1990 and 2000, which was the only negative percentage of all Washington County towns. The report made a number of recommendations for North Kingstown, including: promote office campus development on Quaker Lane, control retail expansion on Ten Rod Road, and promote redevelopment of areas adjacent to the Quonset Business Park.

The North Kingstown Comprehensive Plan Update takes into account the goals of sustainable development, and outlines goals and objectives for achieving the town's present and future prosperity.

State of Rhode Island Land Use Planning Initiatives

As discussed in the previous Land Use Element, *Land Use 2025: Rhode Island's State Land Use Policies and Plan* is the most recent statewide look at Rhode Island's historic land use patterns and possible future. With regard to economic development, the document recommends urban growth boundaries, community design and infrastructure standards; and land capability and suitability analysis. Important concepts promoted in the *Land Use 2025* plan that are of importance to economic development are the Urban Services Boundaries and Growth Centers that generally conform to the limits of urbanization in North Kingstown



and support the Town's goals for economic development, preservation of farmland and waterfront, and locations for new mixed use development.

A. Accomplishments 2001-2008

The following provides a summary of the projects initiated as action items in the 2001 Comprehensive Plan Update:

Economic Development Opportunities

The Town has encouraged the revitalization of existing industrial and commercial locations in an environmentally sustainable manner that is compatible with nearby land uses and will continue to do so in the future. It has also retained and allowed the development of agricultural uses and related service needs

Post Road Corridor Plan

A plan for the future of Post Road has been completed and will lead rezoning and redevelopment of the commercial area as a smart-growth planning approach that will include: concentrating future development in areas served by infrastructure (village centers) and preserving areas that are underserved or inaccessible; introducing mixed-use concepts and buildings that will support the creation of village-scale densities while keeping overall limits of new development as set per Town regulations; promoting design that will support walking and bicycling as the preferred modes of travel; adding civic and open spaces to the mix; and promoting parking solutions that buffer and reduce large paved areas. See *Post Road Corridor Element*.

QBP Master Plan Update

In 2005, QDC filed the Quonset Business Park Development Package with the State of Rhode Island as a new rule and regulation. The Package outlines "a well-planned business park, while recognizing limited resources, as well as the increasingly more complex land use and environmental controls." In an effort to foster consistency and facilitate the future transfer and development of property, QDC strongly recommends all development plans meet town regulations and obtain town approval as well as QDC standards. However, the required coordination varies according to the type of project. See *Quonset Davisville Element*.

Sustainable Economic Development

To ensure that the Town's economic development is sustainable within sensitive groundwater protection and other natural areas, new regulations have been adopted to ensure that new development will conform to the appropriate standards of protection.

B. Public Visioning and Survey

The residents of North Kingstown ranked taxes as their first concern, with 62 percent indicating they believe that taxes are too high. They are in favor of supporting local businesses and discouraging "big box" store development. The majority of residents are satisfied with the current level of development at the Quonset Business Park, as well as with the level of commercial and light industrial development in the town. Many are in favor of expanding commercial fishing, aquaculture or fish farming, tourism, and office development, and yet oppose additional retail store development. The areas that were clearly indicated as



appropriate for additional commercial development or redevelopment were at Quonset Gateway and on Frenchtown Road.

C. 2008 Comprehensive Plan Update

The Comprehensive Plan Update continues to promote quality economic development that will provide jobs and services for local residents and increase the local tax base, without adversely impacting the character and resources of the Town. The key goals, objectives and actions are to:

- ❑ Increase the Town's tax base by encouraging compatible and sustainable economic development, with an emphasis on revitalization of existing developed areas;
- ❑ Guide the proper siting and quality of new development with design standards for commercial, office, and industrial uses;
- ❑ Maintain and promote agricultural businesses because they represent the history and historic culture of the Town, and because they provide value to the tax base, the landscape aesthetics, and the quality of life;
- ❑ Establish the Town as a welcoming place to do business – where there is supportive planning, clearly defined development standards, and an efficient development review and approval process;
- ❑ Further cultivate a cooperative working relationship with the Quonset Development Corporation regarding the redevelopment of Quonset Business Park;
- ❑ Implement the recommendations of the Town's 2005 Post Road Corridor Plan, with particular emphasis on the creation of two state-designated Growth Centers along Post Road;
- ❑ Promote tourism under a regional marketing effort and encourage new, compatible and sustainable tourist attractions.

D. Vision Statement

Specific economic development initiatives are part of this vision to meet multiple objectives. The results will be to expand and stabilize the tax base, provide quality jobs, and maintain a sustainable environment, as well as a sustainable economy. Mixed-use and higher density development strategies will be considered to meet the vision. Preservation of historic businesses such as agriculture, fishing, and tourism and expansion to other areas such as aquaculture or eco-, agri-, and heritage-based tourism is also included in the vision. New industrial and commercial development will be environmentally sound, compatible with adjacent land uses, and consistent with environmental regulations. Clear, consensus-driven implementation strategies must guide the continued relationship and priorities needed for the development of Quonset Business Park. The Town will continue to improve the role of Post Road as the Town's primary commercial area, focusing particularly on the two segments of Post Road identified as potential Growth Centers. Well-structured, working relationships between Town and State agencies and the local community will be established to accomplish the Plan's vision.



GOALS, OBJECTIVES AND ACTIONS

GOAL ED.1 PROVIDE ECONOMIC DEVELOPMENT OPPORTUNITIES TO INCREASE THE TAX BASE OF THE TOWN.

Objective ED.1.1 Provide for a compatible mix of commercial, industrial, office facilities, forest/agriculture/aquaculture, tourist and support services in appropriate locations in accordance with the Land Use Plan map.

Action ED.1.1.1 Continue to allow economic development that is compatible with the land use plan and enhances the character of the Town's villages.

Action ED.1.1.2 Continue to allow the development of environmentally responsible marine-related industries in appropriate locations.

Action ED.1.1.3 Continue to encourage the revitalization of existing industrial and commercial locations in an environmentally sustainable manner that is compatible with adjacent land uses.

Objective ED.1.2 Support and encourage agriculture, silviculture, aquaculture and other resource-based businesses.

Action ED.1.2.1 Continue to make efforts to retain farms and agricultural facilities.

Action ED.1.2.2 Continue to allow the expansion and development of agriculture, silviculture, aquaculture and other resource-based business uses.

Action ED.1.2.3 Support state and U.S. Department of Agriculture programs that promote local produce and bolster farm business.

Objective ED.1.3 Encourage economic development at the Quonset Business Park to be compatible with the Town's Comprehensive Plan and quality of life objectives.

Action ED.1.3.1 Continue to work closely with the QDC on the redevelopment planning and implementation.
(See Quonset Business Park Element Goals, Objectives and Related Actions)

GOAL ED.2 PROMOTE COMPATIBLE, HIGH QUALITY DEVELOPMENT THROUGH PROPER SITING, AND USE OF WELL-WRITTEN DEVELOPMENT STANDARDS IMPLEMENTED THROUGH AN EFFICIENT REVIEW PROCESS.

Objective ED.2.1 Ensure proper siting and development of commercial and industrial uses.

Action ED.2.1.1 Establish and regularly update a computerized inventory of commercial and industrial sites located within the Town.



Action ED.2.1.2 Identify commercial and industrial land where adequate infrastructure and services are available or are scheduled for improvement or provision.

Action ED.2.1.3 Continue to retain and enhance commercial and industrial uses that do not exceed the carrying capacity of the land and respect the existing natural features and environment of the Town.

Objective ED.2.2 Adopt specific, concise development standards for commercial, office, and industrial development throughout the Town.

Action ED.2.2.1 Revise Town Zoning Regulations and Site Plan Review Standards to include business park standards.

Action ED.2.2.2 Identify other appropriate amendments to the regulations that encourage high-quality projects.

Objective ED.2.3 Ensure that existing and proposed commercial and industrial uses do not overburden the existing and planned infrastructure.

Action ED.2.3.1 Utilize the Urban Services Boundary to control the location and timing of commercial development.

Action ED.2.3.2 Carefully consider plans for extensions to and new construction of water and sewer utilities in potential Growth Centers and along the Post Road Corridor as defined in the Post Road Element.

Action ED.2.3.3 Consider the utilization of tax increment financing to aid in the development of infrastructure along the Post Road Corridor.

Objective ED.2.4 Ensure that existing and proposed commercial and industrial uses do not adversely impact natural resources.

Action ED.2.4.1 Continue to ensure strict protection measures for development in groundwater protection zones and other sensitive natural areas.

Action ED.2.4.2 Continue to encourage business and industry to conserve natural resources and to participate in pre-cycling and recycle programs.

Action ED.2.4.3 Continue to encourage business and industry to apply the best available technology and best management practices to minimize harmful emissions and waste byproducts.

Action ED.2.4.4 Encourage and support the relocation of inappropriately sited businesses in environmentally sensitive areas with the assistance of the Economic Development Corporation.

Action ED.2.4.5 Encourage businesses to co-locate with other businesses whose processes, input and waste streams are related and supported by the other.

Objective ED.2.5 Seek alternate modes of transportation to and from employment centers, retail and office areas.

Action ED.2.5.1 Consider ways to support local businesses in the creation of a car pool and/or bus service supported by private funds.



(See Circulation Element, Action C1.3.3)

GOAL ED.3 WORK WITH THE QUONSET DAVISVILLE CORPORATION (QDC), THE RHODE ISLAND AIRPORT CORPORATION (RIAC) AND THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) TO MAXIMIZE THE BENEFITS TO NORTH KINGSTOWN FROM THE REDEVELOPMENT OF THE QUONSET BUSINESS PARK IN A MANNER THAT IS COMPATIBLE WITH NEARBY USES, COMPLIES WITH ENVIRONMENTAL REGULATIONS AND ENHANCES QUALITY OF LIFE, WHILE MEETING THE NEEDS AND VISION OF THE COMMUNITY FOR ECONOMIC DEVELOPMENT.

(See Quonset Business Park Element Goals, Objectives and Related Actions)

GOAL ED.4 ENHANCE AND REVITALIZE POST ROAD AS THE TOWN'S MAJOR COMMERCIAL, MIXED USE DISTRICT.

Objective ED.4.1 Recognize the importance of Post Road as the Town's primary commercial district and implement the Post Road Corridor Plan.
(See Post Road Element Goals, Objectives and Related Actions)

Objective ED.4.2 Investigate the use of Tax Increment Financing (TIF) to encourage the revitalization of the Post Road district as specified in the Post Road Corridor Plan.

GOAL ED.5 ENCOURAGE DIVERSE COASTAL USES TO SERVE COMMERCIAL, RECREATIONAL AND MARINE-RELATED BUSINESS NEEDS WHILE MAINTAINING THE NECESSARY INFRASTRUCTURE TO MAINTAIN ENVIRONMENTAL QUALITY.

Objective ED.5.1 Encourage development and expansion of co-existent marine-related industries compatible with nearby land uses that maintains and enhances of the environment.
(See Land Use Element Goal LU.3 and Related Objectives and Actions)

Action ED.5.1.1 Implement the Allen Harbor plan and support compatible, marine-related businesses within the Quonset Business Park.

Objective ED.5.2 Maintain and improve the quality of coastal waters as an attraction for tourism and marine business.
(See Natural and Cultural Resources Element Objective NC.1.2 and Related Objectives)

Action ED.5.2.1 Continue to encourage waterfront related development that will not degrade the environmental and scenic qualities of the waterfront.

GOAL ED.6 MANAGE TOURISM TO ALLOW ECONOMIC DEVELOPMENT WHILE PRESERVING THE ENVIRONMENTAL, SCENIC AND HISTORIC QUALITIES OF NORTH KINGSTOWN.



Objective ED.6.1 Encourage a regional approach to promote tourism.

- Action ED.6.1.1** Continue the close working relationship with South County Tourism Council and other regional tourism organizations as well as South County communities for the advancement of tourism.
- Action ED.6.1.2** Continue to encourage waterfront related development that will enhance tourism without degrading the environmental and scenic quality of the waterfront.
(See Land Use Element Goal LU.3 and Related Objectives and Actions)
- Action ED.6.1.3** Continue to allow forms of tourism that are beneficial to the community, and respect and complement the Town's environmental, scenic and historic resources.
- Action ED.6.1.4** Continue to identify and evaluate existing tourist resources including, but not limited to, natural resources, cultural resources, open space, and recreation facilities.
- Action ED.6.1.5** Develop a tourism package that promotes the Town's tourist resources.
- Action ED.6.1.6** Continue to designate and sign scenic and historic sites within the Town.
- Action ED.6.1.7** Continue to construct and install visitor information kiosks and other tourism support facilities within the Town.
- Action ED.6.1.8** Continue to promote agri-, eco- and heritage-based tourism.
- Action ED.6.1.9** Support short-term, public events, such as fairs and sporting events that support local business.

GOAL ED.7 ESTABLISH THE TOWN AS A GOOD PLACE TO DO BUSINESS BASED ON ITS COMMITMENT TO SUPPORT AND WORK WITH THE BUSINESS AND DEVELOPMENT COMMUNITY.

Objective ED.7.1 Implement actions to promote and encourage the location and development of new business in North Kingstown and to maintain and expand of existing trade and business within the Town.

- Action ED.7.1.1** Prepare an Economic Development Plan with specific actions for Town offices.
- Action ED.7.1.2** Prepare a new business marketing brochure for the Town.
- Action ED.7.1.3** Establish an economic revitalization/ development fund.
- Action ED.7.1.4** Develop a target industry list that includes agriculture, tourism, and marine-related industries.
- Action ED.7.1.5** Establish a business expansion and retention program to assist local businesses, particularly small businesses and farms.



- Action ED.7.1.6** Continue to use incentives to encourage commercial and industrial revitalization in appropriate sites.
- Action ED.7.1.7** Continue to maintain a local business outreach program.
- Action ED.7.1.8** Develop educational programs that are responsive to the needs of area employers through the North Kingstown High School and the Southern Rhode Island Collaborative.
- Action ED.7.1.9** Maintain a close working relationship with the North Kingstown Chamber of Commerce and other business associations.
- Action ED.7.1.10** Maintain an active role in statewide and regional economic development programs.
- Action ED.7.1.11** Continue to lobby the State in the development of state laws and regulations that positively affect the economic climate of the Town.
- Action ED.7.1.12** Maintain a demographic and economic fact book about the Town for outside requests.

V. Housing



V. HOUSING ELEMENT

North Kingstown is a community largely composed of residential neighborhoods located in villages, older neighborhoods nearby to villages, and new subdivisions in the remaining rural areas. The Town's peaceful rural character draws residents to both older homes in established neighborhoods and to new subdivisions in North Kingstown. The character of North Kingstown encourages pride and long-term commitment to the community. Residents like living in North Kingstown and they have indicated a clear willingness to endorse regulations limiting the number of houses built in order to maintain the character of residential neighborhoods.

Most of the neighborhoods in North Kingstown are composed of single-family homes. The 2000 Census identified 10,743 total housing units in North Kingstown. In 2000 single-family homes accounted for 72 percent (7,775 units) of North Kingstown's total housing units. North Kingstown's remaining housing balance consists of 21 percent (2,274 units) multi-family units and 2 percent (258 units) mobile homes.

Currently, most builders in North Kingstown are constructing single-family homes. Between 2000 and 2005, new home construction averaged 121 units per year, with about 100 per year being single-family homes. The pace of residential building is a growing concern in North Kingstown as is the overall housing affordability in Town.

In the last decade housing prices have increased dramatically throughout Rhode Island, and especially in North Kingstown. According to the Rhode Island Statewide Multiple Listing Service, the median sale price of a single family home in North Kingstown increased 51.8 percent from 1990 to 2000. However, since 2000, the median price of a single family home has risen from \$219,900 to \$415,000 as of year-end 2005, an increase of 88.7 percent in five years. An increase of almost 18 percent per year, while the overall economy and incomes have only increased at about 2 percent per year. This discrepancy shows how increasingly difficult it has become to purchase a home for a low or even moderate-income household.

Affordable Housing in North Kingstown

	Number of Units	Percent of all Units
Housing Data, 2000		
Total Housing Units	10,743	100.0%
Seasonal Housing	266	2.5%
Permanent Housing Units	10,477	97.5%
Affordable Units (% based on Permanent Housing Units)		
Existing Affordable Units	851	8.1%
Affordable Units Needed for 10% Goal	197	10.0%
Build-Out Numbers (expected to be achieved in next 10 years)		
Total Units Expected to be Built	1,410	(+)13.1%
Total Housing Units in 10 yrs	12,153	100.0%
Total Seasonal Housing*	304	2.5%
Permanent Housing Units	11,849	77.8%
Future Affordable Units (% based on Permanent Housing Units)		
Affordable Units Needed for 10% Goal	1,185	10.0%
Affordable Units Needed to be Built	334	2.8%

*Assuming proportion remains the same

Despite significant challenges for housing affordability, North Kingstown is in a better position to meet the housing affordability needs of its residents than neighboring communities. North Kingstown has the highest percentage of affordable housing of any community in Washington County. According to an October 2005 Affordable Housing Fact Sheet by HousingWorksRI, 8.1 percent, or 851 units, of North Kingstown's 10,477 permanent, year-round housing units are designated affordable to low and moderate-income households. The table below is based on the state requirement of 10 percent.

Currently, the Town needs 197 additional affordable housing units to meet the 10 percent

threshold. The number of units required by this percentage is however a moving target. As additional market-rate units are constructed, additional affordable units are needed to meet the 10 percent requirement. Under current zoning, it is expected that North Kingstown will achieve full build-out in 10 years with 11,849 permanent housing units. According to the Town's current build-out estimate, a total of 1,185 affordable units will be needed to achieve the 10 percent goal. Based on the 851 existing affordable housing units in North Kingstown, 334 additional units will be needed to reach the 10 percent goal when full build-out is achieved.

To address the State's affordable housing requirement and in response to the shortage of local affordable housing opportunities, the Town adopted the *Affordable Housing Plan* in June 2005. The Plan contains strategies that will address affordability in many ways. For example, to create affordable housing units, North Kingstown will adopt an inclusionary zoning ordinance requiring all new residential development provide at least 10 percent of the total units as affordable. This ordinance would apply to new construction or substantial rehabilitation of five or more units, including single family subdivisions and multi-unit buildings (condominiums or rental developments). In addition, where appropriate, density bonus of up to 25 percent in conventional and conservation subdivisions, and up to 100 percent for Comprehensive Permit applications will be provided to promote the development of affordable housing. It is also critical for North Kingstown to pursue recommendations for rehabilitating existing structures and infill development for the creation of affordable housing units. The Town is targeting the Post Road Corridor as an area to maximize infill redevelopment and to substantially increase the allowed



housing density. The development of a Post Road Village Center would allow for land to be developed at a high density and result in the construction of a greater number of affordable units.

To ensure a prompt delivery and highest level of affordability, the affordable units in a project will be allowed to differ from the market-rate units with regard to interior amenities and gross floor area, provided that these differences:

- ❑ Do not include insulation, windows, heating systems, and other improvements related to the energy efficiency of the project's units; and,
- ❑ Are not apparent in the general exterior appearance of the project's units.

To ensure a prompt delivery, the units will not be allowed to be segmented or phased in a manner that would avoid compliance or delay their completion.

A. Accomplishments 2001-2008

The following provides a summary of the projects initiated as action items in the 2001 Comprehensive Plan Update:

Elderly Housing

The Town supports providing housing opportunities for people of varying ages and lifestyles, especially the elderly population. The Town encourages the development of elderly congregate housing and assisted living facilities. The Town also has two local property tax relief programs available to property owners over the age of 65. One program is a flat exemption not based on income the other is an exemption that varies in amount according to level of income. These programs permit many senior residents to remain in their homes.

Permanent Supportive Housing

The Town is committed to supporting the housing needs of the displaced, as well as, individuals and families with disabilities with permanent housing opportunities. The Town is working with non-profit organizations, the Welfare Department, religious organizations, and various non-governmental agencies to provide permanent supportive housing opportunities. One such non-governmental agency is Crossroads Rhode Island, the largest homeless service organization in the State. Crossroads manages 57 units of permanent, subsidized supportive housing for families with two or more children in North Kingstown. On-site services include intensive case management, parenting, nutrition and budgeting skills development, education, job training and placement assistance, individual and family counseling, transportation, recreational activities, and the provision of emergency clothing, furniture and food.

Wastewater Management

The Town has identified areas and established boundaries where sewer services and alternative wastewater management systems would permit increased density in order to provide for multi-family and high-density single-family developments without increasing the overall density of the Town. North Kingstown has also coordinated with the State to allow alternatives to conventional ISDS, such as denitrification systems and package plants. The Town is currently updating its 1995 Wastewater Facilities Plan to determine where sanitary sewers could be located to allow for higher densities of mostly one and two-bedroom residential housing units.

Affordable Housing

In 2004, the Town adopted the *North Kingstown Affordable Housing Plan* as an amendment of the North Kingstown Comprehensive Plan Housing Element Update. The *North Kingstown Affordable Housing Plan*, Amended June 2005 is hereby included, by reference, in this Comprehensive Plan. The *Affordable Housing Plan* recognizes North Kingstown's affordable housing shortage and makes recommendations for supplementing the affordable housing stock.

Mixed Use Development

North Kingstown continues to allow planned mixed-use developments through a special use permit or through the use of Planned Unit Development (PUD) districts that include a range of housing choices and professional office space. Accessory family apartments are now permitted by special use permit, provided the lot and dwelling unit meet certain size criteria as defined by the zoning ordinances. The Town continues to support the development of high quality subsidized rental housing that is integrated and compatible with the character of the community. The Town also participates in federal and state rental housing assistance programs.

Non-Profit Participation

North Kingstown has supported the efforts of non-profit housing organizations to acquire, develop, and/or rehabilitate low and moderate-income housing through many programs, but most generously through the State CDBG program. The Town has also required that mixed market rate and affordable housing projects adhere to the established development standards and site plan review criteria to maintain town character.

Conservation Development Regulations

North Kingstown repealed the out-dated cluster development ordinance and regulations and adopted optional Conservation Development Amendments as amendments to the Town's Comprehensive Plan, Subdivision and Land Development Regulations and Zoning Ordinance. The significant changes in the regulations include:

- ❑ Not allowing land that is physically unsuitable for development, wetlands, steep slopes, etc. to count towards the minimum lot area required when creating new lots; and,
- ❑ Providing bonus incentives of up to 50 percent over the density allowed by zoning for:
 - Creation of lot sizes smaller than allowed by zoning;
 - Preservation of existing natural resources and location of development outside those resources;
 - Limiting the total number of bedrooms allowed; and,
 - Providing age-restricted housing within the development.



The new regulations will not only create well-designed subdivisions that protect open space and the character of the Town, they will also reduce construction costs and maintenance costs throughout the life of the development.

Support for Existing Housing Stock

North Kingstown continues to support the Home Repair Program, and encourages other programs that maintain, rehabilitate, and protect the existing stock of homes in the community. The Town emphasizes the adoption of energy and water saving measures in the rehabilitation of existing structures and will look into programs to retrofit existing subdivisions to reduce water consumption.

The Town also continues to provide housing rehabilitation grants to low and moderate-income residents through the Community Development Block Grant (CDBG) Program, as well as other funding sources. North Kingstown also investigated and pursued the development of a low-interest rehabilitation loan program for housing improvement assistance, and will in the November election, ask the Town voters for an additional \$2 million to further allow for the upgrading of ISDS.

Kingstown Mobile Home Park Revitalization Plan

In October 2003, the Town of North Kingstown, along with Barbara Sokoloff Associates, Inc. completed the Kingstown Mobile Home Park Revitalization Plan. Funding for the Plan came from Rhode Island Housing and Mortgage Finance Corporation's Neighborhood Revitalization Program Planning Grant. The Plan provides the Town of North Kingstown an assessment of the Kingstown Mobile Home Park including its existing conditions, a summary of Park resident's opinions, alternative ownership and development scenarios, and recommendations for the potential redevelopment/infrastructure improvement strategies for the future. Infrastructure and services concerns included water and wastewater management, electric utilities, solid waste disposal, and roads.

In April 2006, the Rhode Island Housing and Conservation Trust Study Commission released a report entitled *The Rhode Island Housing and Conservation Trust Fund: A Sound Investment for Rhode Island's Future*. The Commission advocates that the State of Rhode Island provide a trust fund for conservation and affordable housing initiatives and also activate a Housing and Conservation Board to "improve coordination between land conservation and affordable housing efforts." This could be an important initiative for the Town.

B. Public Visioning and Survey

Residents are also nearly split in their attitude toward residential development in North Kingstown, with 43 percent indicating that there is too much housing development and about 45 percent indicating that they are satisfied with the current level.

When asked about their preference regarding the type of affordable housing they would like to see in the Town, the strongest support (almost 40 percent) was for single-family starter homes and apartments above retail spaces.

The majority of residents surveyed are in favor of expanding sewer service for the purpose of supporting existing and new development, citing the protection of groundwater, wetland, and surface water quality and protecting public health as reasoning for their support.

C. 2008 Comprehensive Plan Update

Residents of North Kingstown have expressed a desire for the Town to continue to attract residents from different socioeconomic groups by providing housing that meets a variety of needs. The Housing Element of the Comprehensive Plan Update responds to this desire:

- ❑ Assess the demand for housing for all segments of the population – including the elderly, young families, the disabled, displaced and homeless persons – and encourage provision of housing units as appropriate;
- ❑ Encourage a choice of housing affordable to households with less than North Kingstown's median income by:
 - Establishing a local housing trust fund to facilitate the construction of affordable units that are consistent with the local neighborhood's character
 - Supporting development of subsidized rental housing
 - Working cooperatively with non-profit organizations
 - Providing alternatives to reduce the cost of construction for affordable housing
 - Encouraging infill development
 - Implementing inclusionary zoning;
- ❑ Improve and maintain the Town's existing housing stock by increasing code enforcement and generally encouraging homeowners and landlords to maintain, rehabilitate and protect their properties; and
- ❑ Implement the goals and policies stated in the Town's Affordable Housing Plan.



D. Vision Statement

The Town of North Kingstown recognizes the importance of a balanced community and will continue to promote the construction, reuse and maintenance of housing that serves all socio-economic levels and age groups. The Town intends to meet or exceed the State required 10 percent goal of affordable housing units.

Housing development will be made sensitive to the constraints and natural features of the land, foster the creation of distinct neighborhoods, create a sense of place, preserve open space with clustered units, and improve sustainability with low impact development practices.

The Town's commitment to providing housing choices for its present and future residents will be directed through all policy decisions. Affordability and sustainability will be especially important considerations when and where the town decides to provide new services and facilities to support new housing.

HOUSING GOALS, OBJECTIVES AND ACTIONS

GOAL H.1 ENCOURAGE AND MAINTAIN A RANGE OF HOUSING OPPORTUNITIES SO THAT NORTH KINGSTOWN CAN CONTINUE TO BE A COMMUNITY OF RESIDENTS WITH VARIED SOCIO-ECONOMIC CHARACTERISTICS AND RESOURCES.

Objective H.1.1 Continue to assess the demand for housing for all sectors of the Town's population.

Action H.1.1.1 Continue to analyze and identify the demographic characteristics of the Town's population.

Action H.1.1.2 Continue to maintain a database on housing needs including the following:

- Include the number of affordable housing units in the Planning Board's Budget Performance Review.
- Develop an inventory of affordable housing units that includes nursing home beds, accessory apartments, Section 8 vouchers, and mobile homes park units.
- Include data on rental housing and multi-family units. Monitor the affordable housing need by type – elderly, family, and individuals with special needs.

Objective H.1.2 Encourage housing for the Town's elderly population that is compatible with the limits of their resources and their ability to live independently.

Action H.1.2.1 Continue to encourage the development of Elderly Congregate Housing, including continuum of care facilities.

Action H.1.2.2 Investigate local incentives to encourage both private and public sector building owners to rehabilitate existing units for the elderly.

Action H.1.2.3 Continue to implement a local property tax relief program for the elderly.

Objective H.1.3 Expand starter home opportunities.
(See Housing Element Goal H.2 and Related Objectives and Actions)

Objective H.1.4 Encourage housing that meets the needs of the disabled.

Action H.1.4.1 Encourage the development of a Disabled Congregate Housing Program.

Action H.1.4.2 Support programs that encourage independent living for the mentally and physically disabled.

Action H.1.4.3 Support public education programs for the Town's disabled population.

Objective H.1.5 Support housing that meets the needs of the displaced and homeless population and encourage the development of permanent supportive housing.

Action H.1.5.1 Continue monitoring the need for permanent supportive housing in North Kingstown.



Action H.1.5.2 Continue working with non-profit organizations, the Welfare Department, religious organizations, and other agencies to provide permanent supportive housing.

Objective H.1.6 Identify areas and establish boundaries outside self-sustaining lands and lands of critical concern as defined in the *Narrow River Special Area Management Plan* where sewer services and alternative wastewater management systems would permit increased density in order to provide for multi-family and high density single family developments without substantially increasing the overall density of the Town.

Action H.1.6.1 Continue to coordinate with the State to allow alternatives to conventional ISDS.

Action H.1.6.2 Continue to coordinate with the RIEDC to extend sewer service from the Quonset Business Park to nearby, specified, commercial and residential properties, especially along Post Road.

Action H.1.6.3 Investigate the utilization of community/small wastewater systems.

Objective H.1.7 Continue an ongoing public information program and discussion of the Town's housing needs.

Action H.1.7.1 Continue to conduct public discussions and working meetings that address local housing needs.

Action H.1.7.2 Continue to meet periodically with local financial institutions to discuss means of reducing housing costs particularly for first-time homebuyers and closing costs.

Action H.1.7.3 Continue discussions among local employers, financial institutions, religious organizations, developers, key property owners, non-profit organizations and the Town regarding means of working together to address the affordable housing needs of local residents and employees.

Objective H.1.8 Create a local Community Development/Redevelopment Housing Corporation or a local Housing Authority.

Action H.1.8.1 Review models of other such housing corporations and authorities within the state and develop a local model.

Action H.1.8.2 Research funding opportunities for these entities and create a budget model for operation and development.

Objective H.1.9 Develop cooperative agreements with the RIEDC and large local businesses to create affordable workforce housing that supports job growth associated with those entities.

Action H.1.9.1 Work with RIDEDEC and QDC or its tenants to coordinate growth of new businesses with the addition of new housing that meets the needs and incomes of the jobs created.

Objective H.1.10 Create an interdepartmental task force, composed of Building Official, Finance Director, Tax Assessor and CDBG Director, to tap local knowledge sources.

Action H.1.10.1 Empower the Town Manager to convene regular meetings of local officials to monitor progress and develop strategies for affordable housing.

Action H.1.10.2 Use the task force to project future affordable housing units.

Action H.1.10.3 Ask the task force to participate in the annual review of the Affordable Housing Plan.
(See *Objective H.2.10*)

GOAL H.2 PROVIDE A RANGE OF HOUSING AFFORDABLE TO HOUSEHOLDS BELOW NORTH KINGSTOWN'S MEDIAN INCOME TO KEEP HOUSING COSTS AT OR BELOW 30 PERCENT OF HOUSEHOLD INCOME.

Objective H.2.1 Address the need for affordable housing in the Town's land use regulations.

Action H.2.1.1 Specify in the Zoning Ordinance and other land use regulations the intent to protect and create additional affordable housing units.

Action H.2.1.2 Continue allowing comprehensively planned mixed-use developments that include a range of housing choices through:

- Conservation Subdivision projects;
- Special use permits; and
- The use of PUD districts.

Action H.2.1.3 Continue to allow density bonus provisions:

- To maximize housing mix and bedroom intensive projects when developing affordable housing;
- For a guarantee of including within a project units that are affordable for a minimum of 30 years;
- For cluster development and open space preservation with affordable housing;
- To provide affordable starter homes; and
- For housing development or redevelopment that is affordable for a minimum of 30 years.

Action H.2.1.4 Consider the development of new or converted two-family structures by special use permit in all residential districts outside the Groundwater Protection Zones, if lots meet minimum size criteria without development constraints.

Action H.2.1.5 Consider allowing two- and three-family units on lots that meet size criteria in residential developments, or on frontage lots, as a means to allow home ownership, while deriving income from the units.



- Action H.2.1.6** Continue to allow accessory family apartments by special use permit, providing the lot and dwelling unit meet certain size criteria as defined by the zoning ordinances.
- Action H.2.1.7** Allow accessory units in commercial and residential zoning districts using development standards to ensure protection of the environment and adequate open space.
- Action H.2.1.8** Adopt inclusionary zoning that applies to all development:
- Require 10 percent affordable housing in all projects, or;
 - Require a contribution to the Affordable Housing Trust Fund in an amount equal with the price of providing the units on-site, or;
 - Require the 10 percent to be constructed on another site that is equalivant in function and amenity as if the affordable units had been constructed on-site.
 - On sites outside groundwater protection districts and the Narrow River SAMP, allow density bonuses of 25 percent in exchange for 25 percent affordable units.
 - Require all affordable units, for sale and rental, remain affordable for a minimum of 30 years.
- Action H.2.1.9** Require a minimum of 20 percent affordable housing in the targeted Village Growth Centers along Post Road, supported with well-designed density increases and infrastructure support.
- Action H.2.1.10** Adopt a Transfer of Development Rights regulation, with density bonuses or other provisions to include affordable units that allows transfer from Groundwater Protection zones to specific areas with existing infrastructure such as Post Road.
- Action H.2.1.11** Add provisions to the zoning regulations that facilitate infill development and redevelopment of existing buildings, particularly when those projects build affordable housing units.
- Objective H.2.2** Continue to support development of high quality, subsidized rental housing that integrates and is compatible with the character of the community.
- Action H.2.2.1** Continue to participate in federal and state rental housing assistance programs.
- Objective H.2.3** Facilitate development of affordable housing.
- Action H.2.3.1** Pursue funding resources for capital improvements and delivery of community facilities and services to support affordable housing development throughout the Town.
- Action H.2.3.2** Facilitate the use of reduced rate mortgage programs provided to first-time homebuyers from Rhode Island Housing through the sale of housing development revenue bonds.

- Action H.2.3.3** Continue to investigate development practices that would require developers to designate one or more lots in new subdivisions for median-priced homes.
- Action H.2.3.4** Consider the sale of Town-owned land as appropriate for affordable housing.
- Action H.2.3.5** Continue to examine all potential property acquisitions by the Town in terms of their potential, in full or in part, to be developed for affordable housing.
- Action H.2.3.6** Where public incentives are provided for affordable housing units, continue to require long-term (30 year) affordability of the units.
- Action H.2.3.7** Continue to consider the creation of a non-profit housing foundation to oversee the needs and development of affordable housing that will:
- Acquire land, houses, barns or other structures, through gift or purchase, which can be rehabilitated into affordable housing;
 - Identify a source for information where renters and prospective homeowners can receive information on housing availability, new housing development, and can review the various housing assistance programs that are available such as rehabilitation assistance, rental housing assistance, cooperatives, and tenant associations;
 - Identify a source for information where property owners and developers can receive information on local policies relative to affordable housing development and the availability of federal, state, local, and non-profit assistance in affordable housing development, including grants, loans, mortgage guarantees, and public/private partnerships; and
 - Establish an affordable housing land trust through the housing foundation to acquire and hold land (through such mechanisms as purchase, gifting, easement, and dedication) to develop affordable housing in scale and character with the community.
- Action H.2.3.8** Continue to consider providing incentives to create affordable housing.
- Objective H.2.4** Work cooperatively with non-profit organizations to provide affordable housing.
- Action H.2.4.1** Continue to support the efforts of non-profit housing organizations to acquire, develop and/or rehabilitate low and moderate-income housing.
- Action H.2.4.2** Continue to specify that projects receiving public incentives must be owned and managed by a recognized non-profit housing organization that meets Town requirements for maintenance of housing affordability.
- Action H.2.4.3** Continue to consider contribution of one or more town-owned land parcels for the development of affordable housing by a recognized non-profit housing organization.

Action H.2.4.4 Continue to meet with representatives of non-profit groups and organizations within North Kingstown to ascertain whether their property could be made available, in full or in part, for affordable housing development through donation, long-term lease, or bargain sale.

Action H.2.4.5 Work with non-profits to capture infill and expansion opportunities, where community water and sewer systems are available.

Objective H.2.5 Create joint public/private partnerships to provide affordable housing.

Action H.2.5.1 Continue to facilitate and encourage acquisition, development and/or rehabilitation of housing units available to the Town's low-income households through public/private partnership projects.

Action H.2.5.2 Continue to coordinate with public/private partnerships to develop a demonstration project of an affordable village housing cluster design that is affordable without compromising quality, design and construction.

Action H.2.5.3 Partner with non-profits.
(See *Objective H.2.4*)

Objective H.2.6 Give preference to the affordable housing needs of local residents.

Action H.2.6.1 Whenever possible, continue to require that affordable units be administered in a manner that gives preference to local residents.

Objective H.2.7 Maintain North Kingstown's existing subsidized housing units.

Action H.2.7.1 Continue to encourage actions that protect affordable units from conversion to market rate units through strategies such as affordable housing trusts and non-profit ownership options.

Action H.2.7.2 Establish an entity and procedure to exercise rights-of-first-purchase under the Affordable Housing Preservation Act of 1988 to recapture subsidized units threatened with loss due to prepayment of subsidized mortgages.

Action H.2.7.3 Establish a funding mechanism or reserve account to accomplish the right-of-first-purchase when loss of subsidized units is threatened due to prepayment of subsidized mortgages.

Action H.2.7.4 Target funds and/or other resources to serve as incentives to maintain housing that will remain affordable for a minimum of 30 years.

Objective H.2.8 Mingle market-rate and affordable rate homes in neighborhoods through development incentives.

Action H.2.8.1 Continue to allow and encourage development and/or redevelopment of compatible small-scale affordable housing structures within existing neighborhood contexts.

Action H.2.8.2 Continue to require that mixed market rate and affordable rate housing projects adhere to established development standards and site plan review criteria to maintain town character.

Objective H.2.9 Create an Affordable Housing Trust Fund.

Action H.2.9.1 Use pooled monies from federal, state, and local programs to leverage or build affordable housing units.

Action H.2.9.2 Use the Affordable Housing Trust Fund for purchase and conversion of existing units that are or will be dedicated as affordable.

Objective H.2.10 Continue to Implement the Affordable Housing Plan's Implementation Actions.

Action H.2.10.1 Monitor and report on the progress and accomplishments of the action items.

Action H.2.10.2 Monitor and track the number of new affordable housing units.

Action H.2.10.3 Monitor and track the current stock of affordable housing units.

Objective H.2.11 Advocate for an increased share in the Realty Transfer Tax to support affordable housing programs through the Affordable Housing Trust Fund.

Objective H.2.12 Follow the installation of the State Housing and Conservation Board and prepare for participation in the housing and conservation trust programs that may be created by this initiative.

GOAL H.3 PROMOTE A RESIDENTIAL DEVELOPMENT PATTERN THAT REFLECTS THE SMALL TOWN SETTING WITH RURAL FLAVOR AND HISTORIC VILLAGE CENTERS.

(See Land Use Goal LU.1, Objective LU.1.2 and Related Actions)

GOAL H.4 IMPROVE AND MAINTAIN THE TOWN'S EXISTING HOUSING STOCK.

Objective H.4.1 Encourage programs that maintain, rehabilitate, and protect the existing stock of homes in the community, with emphasis on adopting energy and water saving measures in rehabilitation of existing structures.

Objective H.4.2 Support the Home Repair Program.

Objective H.4.3 Provide housing rehabilitation grants to low and moderate-income residents through the Community Development Block Grant (CDBG) Program, as well as other available funding sources.

Objective H.4.4 Pursue development of a low-interest rehabilitation loan program for housing improvement assistance.

Action H.4.4.1 Encourage establishment of a volunteer program to assist in home improvement projects for substandard housing units.

Action H.4.4.2 Identify a source of information and training to educate town residents and property owners on appropriate techniques for residential property maintenance, rehabilitation, historic preservation, and energy and water conservation.

Action H.4.4.3 Provide financial incentives to owners of historic property to encourage preservation and restoration of historic houses.



Objective H.4.5 Ensure that all citizens of North Kingstown are housed in safe and healthy environments.

Action H.4.5.1 Staff the Building Department as needed for monitoring and enforcement.

VI. Community Services and Facilities



VI. COMMUNITY SERVICES AND FACILITIES ELEMENT

The Community Services and Facilities Element of the Comprehensive Plan Update considers all facilities and services provided by the Town of North Kingstown, including public schools, public safety, town government, library services, wastewater management, public water supply, and senior citizen's services. As growth has occurred in the Town, the level of services provided in each of these areas has increased accordingly. Three critical services identified by the Town in recent years that have received particular attention include fire service, schools and extending sewer service to the Post Road Corridor.

Water supply continues to be of particular concern due to the need to manage the rate at which water is drawn from the underground aquifers and the need to protect the Town's water supply from contamination. Water service connections are currently increasing at about 47 per year, a significant decrease from 170 per year between 1996 and 2001. The Town has capacity to deliver approximately 8 million gallons of water per day to its customers. The wells currently have a safe sustained yield sufficient to meet the Town's demand, as well as to provide water to the Towns of Narragansett (which it has since 1966) and Jamestown on an as-needed basis. To ensure continued safe supply, the Town adopted a Water Service Area in 1998 that identifies locations within the Town where water service will currently be provided to residents and businesses. All extensions of water mains within the Town require the approval of the North Kingstown Town Council. The Water Service Area has generally been reflected in *Land Use 2025*, State Guide Plan Element 121 as the area within the Municipal Services Boundary.

Growth patterns, changing demographics and aging buildings have impacted the Town's school facilities. It is expected that enrollment at the elementary schools will continue to decline slightly while enrollment at the secondary schools will continue to increase slightly. The potential exists for additional growth in enrollment based on the turnover of property in the northern section of Town, yet, it is too soon to assess the impact of this turnover. Current design capacity is projected to be capable of supporting the anticipated school population over the next five to ten years. However, from a program perspective, some school facilities do not effectively support the programs that modern schools are expected to deliver. A recent *School Facilities Study* has recommended a \$50 million program to address these issues.

A. Accomplishments 2001-2008

The following provides a summary of the projects initiated as action items in the 2001 Comprehensive Plan Update:

Hazard Mitigation Plan

The Town of North Kingstown completed a *Local Hazard Mitigation Plan* (May 2005) in compliance with the regulations of the Rhode Island Emergency Management Agency (RIEMA) and the Federal Emergency Management Agency (FEMA). The plan, adopted by the Planning Commission April 19, 2005 and Town Council June 13, 2005, implements Action NC.1.18.1 of the Town's 2001 Comprehensive Plan Update. The purpose of the Local Hazard Mitigation Plan is to recommend actions and policies for the Town of North Kingstown to minimize the social and economic loss and disruption associated with natural disasters.



Water Supply System Management Plan

This comprehensive plan addresses conservation, development, utilization and protection of finite water resources and incorporates wellhead protection to preserve water quality. The Town Council adopted this plan, prepared by Pare Engineering Corp. on June 10, 2002. RIGL Chapter 46-15.3 requires that water districts conduct this plan every five years.

Water System Evaluation

This independent analysis of North Kingstown's water system identifies an approach to achieve compliance with the Environmental Protection Agency's Total Coliform Rule (TCR). Steps included problem analysis, evaluation of disinfection alternatives and the development of Standard Operating Procedures. This analysis was completed by CDM in November 2003.

School Facilities Study

This study, completed by The Robinson, Green, Beretta Corporation in September 2003, provides recommendations to bring five schools back into compliance with both physical and educational standards. These standards are to ensure that North Kingstown's facilities will support public educational needs for years to come. The Town's Asset Management Commission has evaluated the recommendations of this report and suggested an amended list of realistic goals/recommendations pertaining to both physical expansion and infrastructure repairs/replacements deemed necessary for the immediate future, for the following schools:

- Davisville Elementary School;
- Fishing Cove Elementary School;
- Forest Park Elementary School;
- Wickford Elementary School (closed in Fall 2005); and,
- Wickford Middle School.

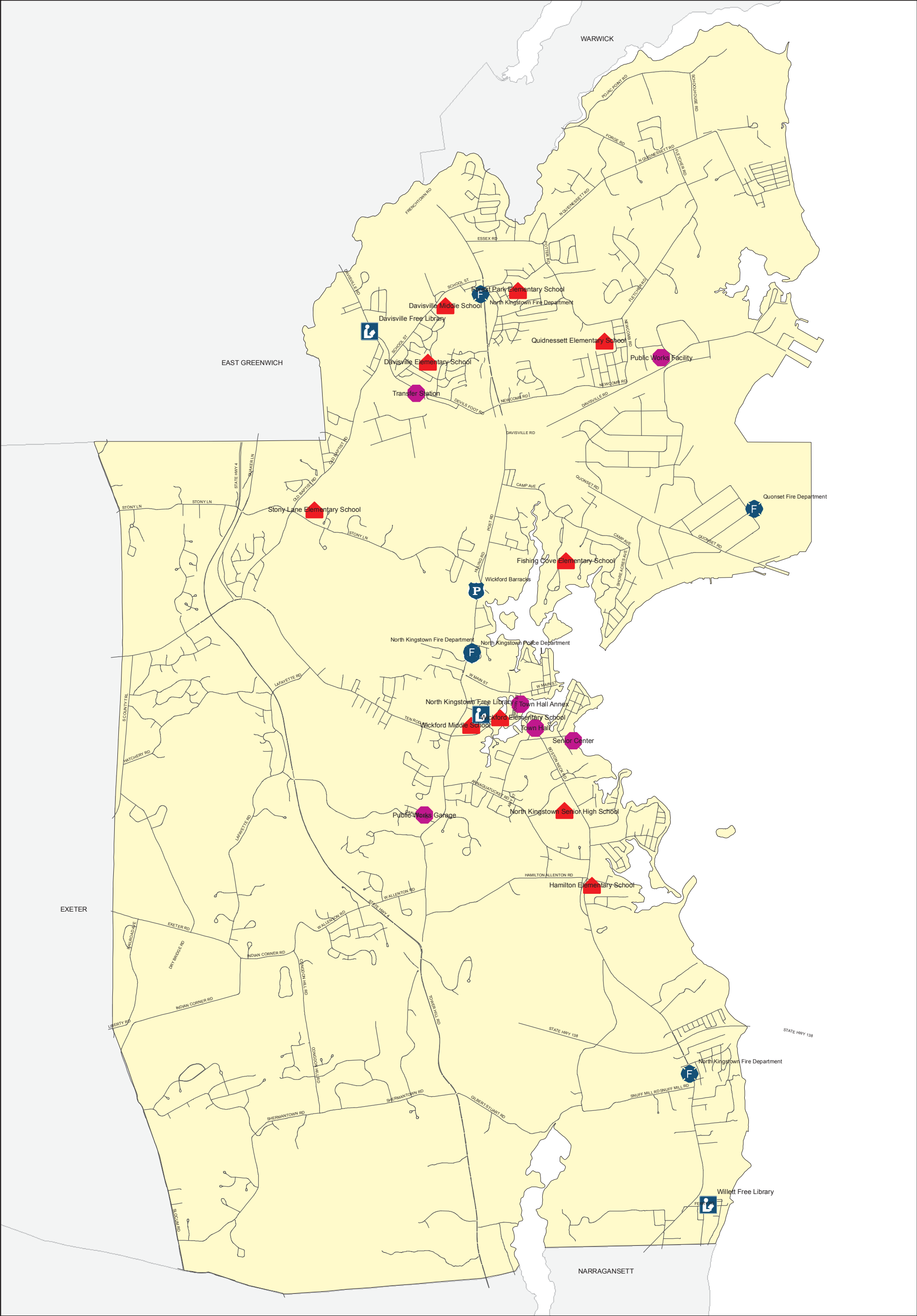
Comprehensive Management and Operational Assessment of the Fire Department

Commercial development in the Quonset Business Park in the east central section of the community and residential development in the southwestern Slocum area of the town were the key factors driving the need for an assessment of the Fire Department. Recommendations prepared by the Matrix Consulting Group, December 29, 2005 relating to increases in Fire Department resources are currently under review and discussion by Town departments. Preliminary recommendations include:

- Consolidation of operations and services and civilianization of certain roles;
- Extensions of water mains and required sprinkler systems for new structures;
- Reconfiguring/relocation of department personnel; and
- Hiring of additional department personnel.

Transfer Facility

The new solid waste/recycling/compost facility has opened on Devils Foot Road on former RIEDC property.



Legend

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Miles

Schools - Public

Fire Station

Library

Police

Municipal Facilities

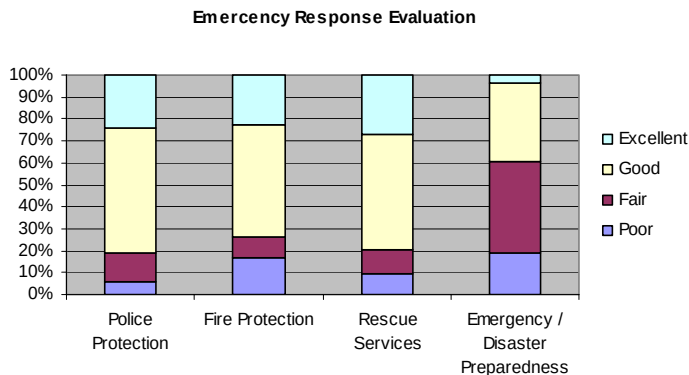
Roads

This map is for reference purposes only. The Planning Department utilizes this information as a reference tool for review. This map is not intended for use as a site plan.

B. Public Visioning and Survey

Survey respondents identified taxes and schools as two major concerns that may affect the future of North Kingstown. Police, fire and rescue services received mixed grades in the survey, potentially relating to respondents' neighborhoods (see chart). Respondents indicated that public safety would be the number one area for the Town to prioritize funding. Many at the

public visioning workshop held in January 2006 discussed the need for improved fire response times.



Survey respondents indicated that public schools would be the number two area for the Town to prioritize funding (following public safety). The quality of North Kingstown's education was ranked as "good" by 44.7 percent and "fair" by 28.6 percent. Areas of concern in the public schools include the condition of buildings and fields, student

discipline and safety/drugs, and class size.

The library continues to earn high marks, with 47.7 percent ranking services as "excellent." Transfer station services now receive higher marks with only 6.5 percent ranking the facility as "poor," compared to 13 percent who ranked these services as "poor" in the 2000 survey.

Over 56 percent of survey respondents indicated that they are in favor of the Town expanding sewer service. The three most cited reasons are to protect groundwater quality, to protect public health from poorly functioning individual septic systems and cesspools, and to protect wetlands and surface water quality. Support for sewers was also demonstrated at the visioning workshop held in January 2006.

Reuse options for St. Bernard's Church, the state police barracks, former Wickford Elementary School, and the *USS Saratoga*, a decommissioned aircraft carrier, were listed by many as important considerations for the 2008 update.

C. 2008 Comprehensive Plan Update

The Community Services and Facilities Element of the Comprehensive Plan reflects a vision calling for Community Services and Facilities to be responsive to public need, progressive in delivery, cost effective, and planned with constant attention to population growth, geographic distribution of population and demographics. The Element reflects a commitment to:

- ❑ Deliver services and facilities in a cost-effective and responsive manner;
- ❑ Maintain an ongoing capital improvement program to inventory and assess current and future services and facilities;
- ❑ Centralize and coordinate use of town facilities and resource sharing among municipal departments;
- ❑ Ensure that Town government and Town facilities are open and accessible to the public;



- ❑ Develop and implement an environmentally sound, state of the art system of solid waste management;
- ❑ Ensure that public roadways and public facilities are maintained in safe and environmentally sound condition;
- ❑ Protect and conserve the Town's water supply and ground water reservoir from contamination;
- ❑ Develop a long-range program to improve the quantity and quality of the water supply required by town and state residents in the most cost effective and environmentally sound manner, consistent with the overall goal of the State Guide Plan No. 721;
- ❑ Provide adequate sewer and water infrastructure to support sound land use patterns which accommodate diverse housing needs;
- ❑ Ensure adequate public safety including Fire Department response time and emergency response to natural disasters;
- ❑ Provide quality educational services within the constraints of available resources;
- ❑ Encourage programs that provide access for residents to health and welfare services to a reasonable basic standard;
- ❑ Provide necessary services for the Town's senior citizens;
- ❑ Continue to provide high quality, convenient library services;
- ❑ Ensure that town buildings are adequate for personnel, services and functions;
- ❑ Minimize costs and maximize efficient use of limited resources by coordinating with adjacent towns for municipal services;
- ❑ Ensure adequate response and protection of property with a natural disaster; and
- ❑ Support reuse of vacant or underutilized public and private buildings for economic development, housing or community services.

D. Vision Statement

The Town of North Kingstown, in order to adequately provide for the health, welfare, education, and safety of its citizens now and in the future, must develop and implement a systematic approach to the provision of services, development of facilities, protection of assets and long-term planning for growth management which will ensure that necessary municipal services will be available as growth and population shifts occur. Proper management of services and facilities should be progressive, creative and cost-effective and should be delivered by responsible and dedicated employees responsive to the needs of the citizens. The pattern of development in town should reflect the availability of municipal services for sewer and water, with denser development served by both sewer and water and lower density areas served by private wells and individual sewage disposal systems or package treatment plants.

GOALS, OBJECTIVES AND ACTIONS

GOAL CS.1 DELIVER THE REQUIRED LEVEL OF SERVICES AND FACILITIES IN A COST-EFFECTIVE AND RESPONSIVE MANNER.

Objective CS.1.1 Maximize resource utilization (personnel and plant/equipment) and eliminate duplication of effort.

Action CS.1.1.1 Continue to maintain consistent interaction among municipal departments.

Action CS.1.1.2 Explore all opportunities for centralization of municipal functions where appropriate and cost effective.

Action CS.1.1.3 Install automated systems to manage costs, complaints, maintenance schedules, parts inventory, and billing.

Objective CS.1.2 Explore all opportunities for regionalization of services where appropriate and cost effective.

Action CS.1.2.1 Study potential intergovernmental agreements and other techniques for delivery of services.

Objective CS.1.3 Investigate privatization of public services.

Objective CS.1.4 Make licensing, permitting, complaint and public information easily available to all citizens and roles of responsibility clear.

Objective CS.1.5 Continue to make public information available in an electronic format and post on the Town's website.

Action CS.1.5.1 Maintain Town website as an up-to-date resource for residents.

Objective CS.1.6 Explore opportunities to convert to more energy-efficient technologies and sustainable building practices whenever possible.

Action CS.1.6.1 Investigate the feasibility of using alternative fuels to heat and provide energy to town buildings.

Action CS.1.6.2 Investigate the feasibility of 'behind the meter' wind turbine installation at a town building with suitable wind exposure.

Action CS.1.6.3 Investigate the feasibility of multiple wind turbine installation for distribution of power to the electric grid.

Action CS.1.6.4 Review all new municipal construction and rehabilitation according to the LEED (Leadership in Energy and Environmental Design) Green Building Rating System.

Action CS.1.6.5 Educate the public on the importance of energy conservation and the potential use of alternative energy sources by using 'green' Town buildings as examples.

Objective CS.1.7 Improve delivery of services to town residents.

Action CS.1.7.1 Develop staffing standards for all Town departments.

Action CS.1.7.2 Establish employee training programs and personnel management programs that encourage improved delivery of services.



Objective CS.1.8 Explore the use of user fees to offset costs of town services and facilities that have a limited user base (such as a swimming pool and rink) and dedicate these fees to the maintenance and improvement of these facilities.

Objective CS.1.9 Expand the impact fee structure for new residential development to more accurately meet changing municipal needs.

Objective CS.1.10 Explore the use of Tax Increment Financing (TIF) to offset costs of public services (infrastructure) improvements.

GOAL CS.2 CONTINUE THE ON - GOING CAPITAL IMPROVEMENT PROGRAM TO INVENTORY AND ASSESS CURRENT AND FUTURE SERVICES AND FACILITIES AND TO PROTECT AND IMPROVE THE TOWN'S ASSETS.

Objective CS.2.1 Revise capital improvement planning and budgeting with assistance from the Asset Management Commission.

Action CS.2.1.1 Ensure compliance with GASB-34 requirements to inventory municipal assets and ensure the database remains current.

Action CS.2.1.2 Continue to replace equipment on an as needed basis.

Action CS.2.1.3 Continue to ensure long-term asset protection and improvement with the cooperation and involvement of the Asset Management Commission.

Action CS.2.1.4 Continue to consider both innovative and traditional means to fund asset protection and capital investment, ensuring that the funding means is appropriate to the investment and as cost effective as possible.

Objective CS.2.2 Maintain the following policies:

- Regular review by departments of project status, condition, anticipated cost, and cost requirements and establishing appropriate correction measures;
- Annual reporting that assesses each department's current preventative maintenance needs and future capital investment needs based on projected growth and current state of property and equipment to maintain a high level of service delivery;
- Budgeting for asset protection and maintenance based on annual department reports and assessment; and
- Upkeep of current facilities to protect assets from deterioration.

Objective CS.2.3 Plan Town's facilities and improvements based on future needs and long-term value.

Action CS.2.3.1 Base plans on five and ten-year reviews of population projections, demography, available technology, and resource protection in compliance with the Comprehensive Plan.

Action CS.2.3.2 Ensure that projections of maintenance costs are clearly included when planning for new facilities.



GOAL CS.3 CENTRALIZE AND COORDINATE USE OF TOWN FACILITIES AND RESOURCE SHARING AMONG MUNICIPAL DEPARTMENTS.

Objective CS.3.1 Investigate and implement whenever practical the joint use of public safety facilities such as fire and police alarm systems, dispatch systems, vehicle repair facilities, equipment repair facilities and clerical systems.

Objective CS.3.2 Investigate the potential centralization of management and maintenance of all school facilities, public buildings, facilities, and grounds in the Public Works Department including recreational facilities, Town Hall, Town Hall Annex, library and senior center, while tracking budgets separately.

Objective CS.3.3 Continue to investigate opportunities for regional cooperation in providing services and purchasing of like goods.

GOAL CS.4 ENSURE THAT GOVERNMENT AND GOVERNMENT FACILITIES ARE ACCESSIBLE TO THE PUBLIC.

Objective CS.4.1 Ensure that all public buildings are handicap accessible.

Objective CS.4.2 Make Town-owned and School buildings available for use by the public and expand the availability of all school facilities for cultural, educational and community functions.

Action CS.4.2.1 Inventory all Town-owned and School buildings, rooms, and facilities in the Town that could be used for meetings, functions, and recreational programs.

Action CS.4.2.2 Establish a central department for scheduling the use of facilities.

Objective CS.4.3 Encourage broad-based participation on town boards, committees, and omissions and seek and support volunteerism and public participation whenever possible to help provide town and school services.

Action CS.4.3.1 Continue to implement an open and clearly defined application process for participation on town boards, committees and commissions.

Objective CS.4.4 Promote and adhere to the letter and spirit of the Open Meeting/Open Records Law.

Objective CS.4.5 Utilize technology to provide information to residents, property owners, and those doing business with the Town.

Action CS.4.5.1 Continue to use television and the Town website as convenient and readily available sources for municipal government information.

Action CS.4.5.2 Investigate and encourage the expansion of e-government to provide more in-depth municipal government information online.

GOAL CS.5 DEVELOP AND IMPLEMENT AN ENVIRONMENTALLY SOUND, STATE OF THE ART SYSTEM OF SOLID WASTE MANAGEMENT



Objective CS.5.1 Investigate and evaluate the latest solid waste management technologies to minimize the operational impact of the transfer station.

Action CS.5.1.1 Ensure optimal operation of the transfer station facility to minimize noise, odor and windblown solid waste in local neighborhoods.

Objective CS.5.2 Continue and strengthen a strong source reduction and recycling program to minimize solid waste.

Action CS.5.2.1 Routinely assess Pay As You Throw (PAYT) program to maximize recycling.

Objective CS.5.3 Continue and expand the Town's composting program.

Objective CS.5.4 Ensure that all town facilities and services use the best available technology for environmentally sound waste management systems.

Objective CS.5.5 Investigate the feasibility of curbside trash pickup.

Action CS.5.5.1 Consider municipal or franchised curbside trash and recycling service.

GOAL CS.6 MAINTAIN AND IMPLEMENT THE TOWN'S WASTEWATER MANAGEMENT PROGRAM.

(See Natural and Cultural Resources Goal NC.1; Objective NC.1.3; and related Actions)

Objective CS.6.1 Protect groundwater, surface water, and wetlands from pollution while assuring sound land use patterns with diverse housing types and densities.

Action CS.6.1.1 Conduct a wastewater facilities plan that includes a range of potential service options to meet the needs of current and projected population while protecting natural resources. Plan to include but not be limited to individual sewage disposal systems, innovative technology, package plants, municipal decentralized treatment, municipal wastewater treatment facility construction and operation, and/or expansion of Quonset Development Corporation's wastewater treatment facility service area.

Action CS.6.1.2 Form a municipal sewer authority to negotiate with the Quonset Development Corporation regarding sewer service extension to designated growth centers and other areas designated by the Town Council. The municipal sewer authority would be responsible for the following:

- Construction and operation of force and gravity mains, pump stations, and laterals;
- Billing subscribers; and,
- Monitoring non-sewered areas through the Wastewater Management District. *(see Action NC 1.3.8)*

Action CS.6.1.3 Consider options to improve performance of existing privately owned and operated package plants to ensure adequate wastewater treatment and protection of groundwater.



- Establish performance standards with routine testing and reporting to the sewer authority, wastewater management commission, or town engineer; and,
- Consider municipal operation of package plants.

Action CS.6.1.4 Consider the creation and use of Tax Increment Financing (TIF) along the Post Road Corridor to aid in the extension of sewer service and infrastructure improvements.

Action CS.6.1.5 Provide public education and outreach to schools, irrigation companies regarding sustainable water use.

Objective CS.6.2 Ensure that wastewater facilities function properly during peak storm events by implementing recommendations of the *Hazard Mitigation Plan*.

Action CS.6.2.1 Work with the QDC to ensure the QDC Wastewater Facility is inspected for its ability to withstand storm/weather events and retrofit as necessary.

Action CS.6.2.2 Consider shutting down the wastewater pumping facilities at Wickford Point and Mark Drive during a flood or severe storm event.

Action CS.6.2.3 Develop a plan for pumping wastewater into a temporary or portable container (off-line storage) in the event of a flood.

Action CS.6.2.4 Flood-proof the pumping facilities, with priority placed on the Wickford Point Facility.

GOAL CS.7 COMPLY WITH THE PROVISIONS OF THE STATE WATER SUPPLY SYSTEM MANAGEMENT PLANNING ACT BY DEVELOPING A COMPREHENSIVE WATER SUPPLY MANAGEMENT PLAN FOR THE TOWN'S WATER SUPPLY SYSTEM.

Objective CS 7.1 Develop a Comprehensive Water Supply Management Plan for the Town's water supply system.

Action CS 7.1.1 Apply components of the State Water Supply System Management Planning Act to achieve effective and efficient conservation, development, utilization and protection of the water system's resources in ways that satisfy the present and future needs of the Town.

GOAL CS.8 ENSURE THAT PUBLIC ROADWAYS AND PUBLIC FACILITIES ARE MAINTAINED IN SAFE AND ENVIRONMENTALLY SOUND CONDITION.

Objective CS.8.1 Work to maintain the Town's roadways to ensure safe roadway conditions.
(See *Circulation Element Objectives C.1.7 and C.1.8 and Related Actions*)

Objective CS.8.2 Continue to minimize non-point source water pollution and maintenance costs.
(See *Natural and Cultural Resources NC.1.2 and Related Actions*)

Objective CS.8.3 Reduce the potential for groundwater pollution associated with underground storage tanks.
(See *Natural and Cultural Resources NC.1.1, NC.1.3 and related Actions*)



Objective CS.8.4 Site municipal facilities in areas appropriate to their function and use.

Objective CS.8.5 Maintain integrity of publicly owned dams.

Action CS.8.5.1 Routinely inspect and classify all dams (based on FEMA Regulations) to determine their vulnerability to failure, and repair as needed.

Action CS.8.5.2 Develop a plan for remediation and information/resource-sharing to mitigate issues associated with privately owned dams.

Objective CS.8.6 Maintain utility of public and institutional buildings

Action CS.8.6.1 Consider adaptive reuse of vacant and underutilized public and private buildings (including former schools, churches, and police barracks) for economic development, housing, or community facilities.

GOAL CS.9 PROTECT AND CONSERVE THE TOWN WATER SUPPLY AND GROUNDWATER PROTECTION AREAS FROM CONTAMINATION OR DETERIORATION.

Objective CS.9.1 Revisit and update the Groundwater Protection Plan.

Action CS.9.1.1 Implement the recommendations of CDM's *Water System Evaluation*: enhance the water monitoring system, improve system management practices and conduct trial season disinfection program.

Objective CS.9.2 Ensure strict protection of the groundwater protection area in compliance with the report of the Groundwater Committee and the Comprehensive Plan. *(See Natural and Cultural Resources Element Objective NC.1.1 and related Actions)*

Objective CS.9.3 Ensure that sufficient water volume and pressure are available throughout the water service area to provide adequate domestic supply and fire protection.

Action CS.9.3.1 Implement the recommendations of the Water System Supply Management Plan.

Action CS.9.3.2 Rigorously implement development controls in compliance with the Land Use Element of the Comprehensive Plan wherever adequate water supply and pressure are not available.

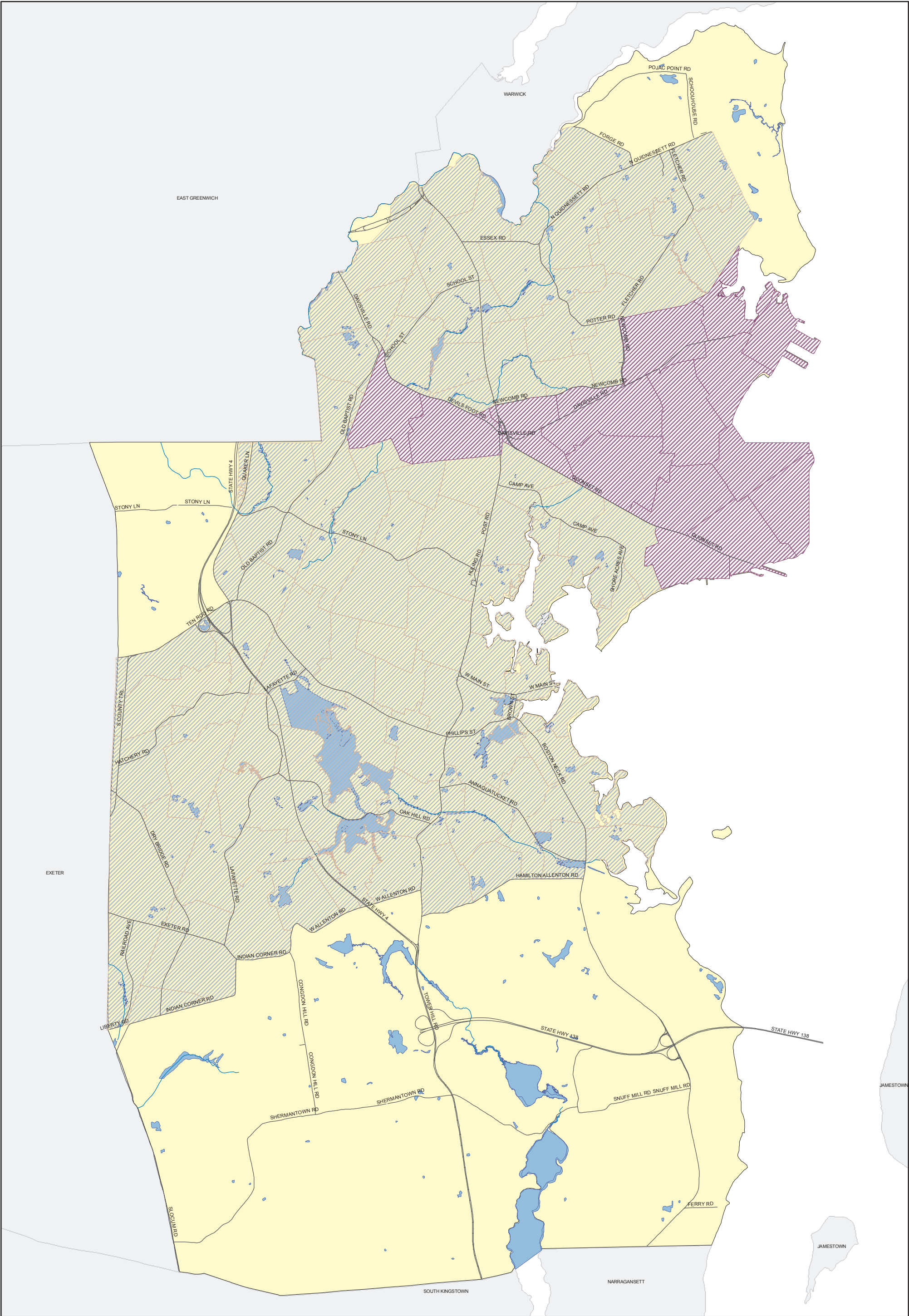
Action CS.9.3.3 Acquire new wells and storage facilities based on best available projections for future growth.

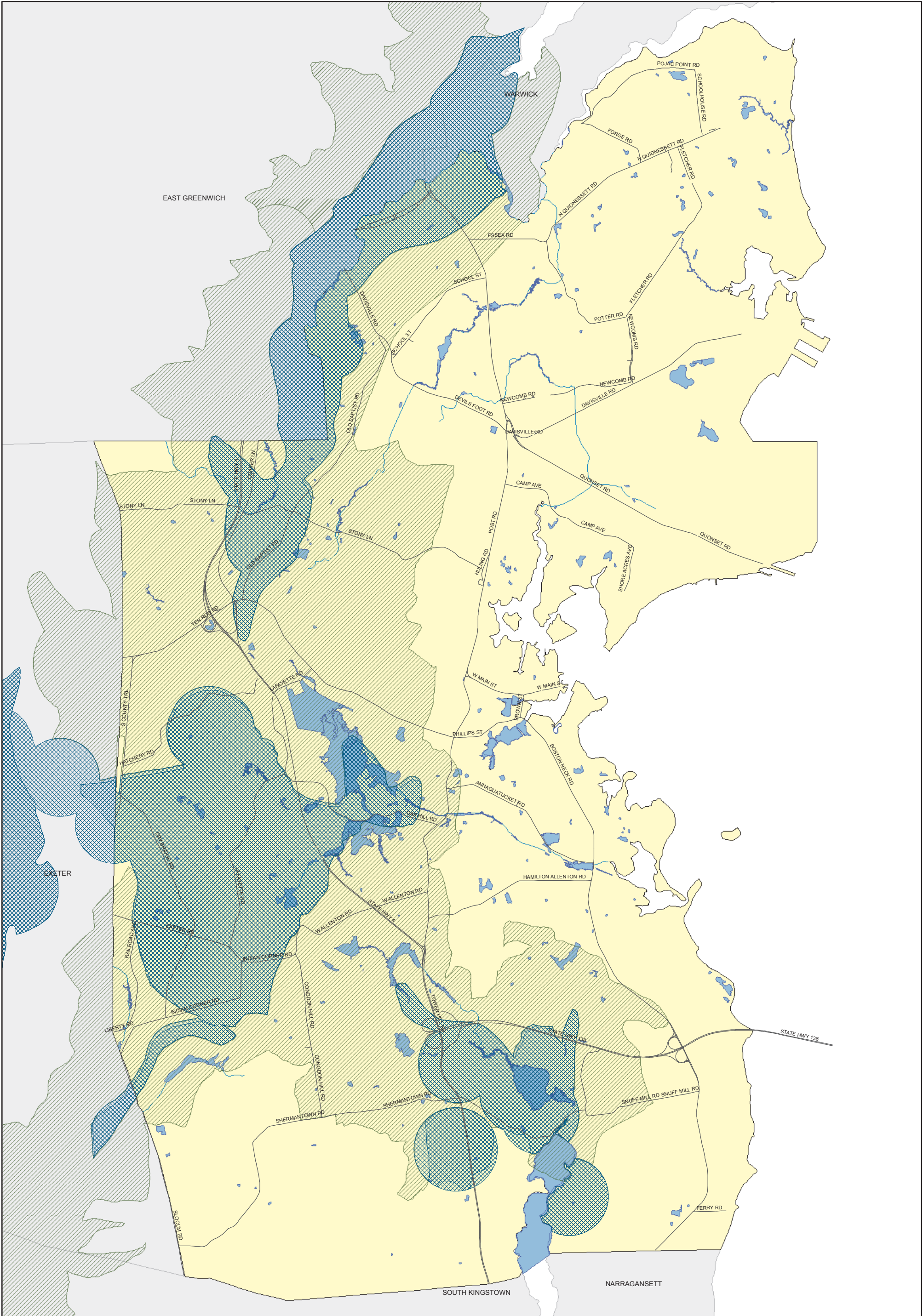
Action CS.9.3.4 Work with the State to ensure that building codes provide for state-of-the-art water conservation.

Objective CS.9.4 Protect Zone 1 and Zone 2 groundwater protection areas located within and outside the boundaries of North Kingstown.

Objective CS.9.5 Ensure that sufficient water quality and quantity is available throughout the water service area.

Action CS.9.5.1 Rehabilitate or replace Juniper Hill tank, the oldest in the system (circa 1939) and one with the highest level of bacterial contamination.







- Action CS.9.5.2** Comply with the Total Coliform Rule through system-wide disinfection or other recommendations presented in the November 20, 2003 *Technical Memorandum* prepared by C & E Engineering Partners, Inc. Consider the installation of disinfection systems in water storage tanks to protect from bacteria growth in the water.
- Action CS.9.5.3** Reduce age of water in the system through flushing or other methods to ensure adequate water quality if water is not treated with chlorine.
- Action CS.9.5.4** Take reasonable steps to ensure water quality is not compromised by floodwater intrusion at town wells by implementing recommendations of the *Hazard Mitigation Plan*.
- Action CS.9.5.5** Ensure Growth Center development does not exceed the capacity of the Low Service Area, an area that routinely experiences seasonal shortfalls.

GOAL CS.10 ENSURE ADEQUATE PUBLIC SAFETY

Objective CS.10.1 Ensure that the Police Department is properly staffed, equipped, and maintained to respond whenever necessary.

- Action CS.10.1.1** Expand the Police Station to include locker rooms, storage space, and office space.
- Action CS.10.1.2** Continue a schedule of regular planned maintenance and investment in new equipment as needed, to ensure Homeland Security.
- Action CS.10.1.3** Encourage the North Kingstown Police Department to discuss regional issues with adjoining town's police departments.

Objective CS.10.2 Ensure that the Fire Department is properly staffed, equipped, and maintained to respond address Town needs.

- Action CS.10.2.1** Consider consolidating emergency dispatch operations into a single entity with civilian staffing.
- Action CS.10.2.2** Consider extending water mains and installing fire hydrants in all new subdivisions to better serve the community and meet the National Fire Protection Association (NFPA) capacity recommendations.
- Action CS.10.2.3** Consider installing automated suppression systems in all new developments, and those structures renovated over a certain percentage threshold of their value.
- Action CS.10.2.4** Hire 8 additional firefighters to address staffing/overtime issues, and on full-time training officer who will also be responsible for safety.
- Action CS.10.2.5** Acquire formal training/certification for the mechanics assigned to the repair/maintenance of Fire/Rescue equipment.
- Action CS.10.2.6** Develop regular planned maintenance and investment in new equipment as needed.
- Action CS.10.2.7** Encourage the Fire Department to discuss regional issues with adjoining town's Fire Departments.
- Action CS.10.2.8** Construct a new fire station in the Quonset Business Park.



Action CS.10.2.9 Establish procedure for Quonset Development Corporation approval by the Town Fire Marshal of names for Quonset Business Park roads to ensure Town departments know address locations for emergency response. This would also ensure consistent record keeping with the Town Assessor.

Action CS.10.2.10 Regularly conduct fire analyses to ensure that the costs to provide service are commensurate with public health, safety and welfare.

Objective CS.10.3 Establish a public safety facilities committee to routinely evaluate/modify and implement policies/procedures as needs change.

Objective CS.10.4 Recognize the important functions of the Public Works Department in the provision of public safety.

Action CS.10.4.1 Provide an adequate budget, personnel, equipment and facilities for the Public Works Department to meet public safety needs.

Objective CS.10.5 Ensure that adequate emergency shelter capacity exists.

Action CS.10.5.1 Work with the Rhode Island Chapter of the American Red Cross to designate additional shelters needed in town and/or on a regional basis to accommodate all residents in the event of a natural disaster.

Action CS.10.5.2 Maintain existing emergency shelters based on standard requirements as determined by the American Red Cross.

Objective CS.10.6 Maintain operational capacity of the Town Emergency Operations Center.

Action CS.10.6.1 Police and Fire Departments to take responsibility for management of the center to ensure operational capability is not impaired in the event of a natural disaster.

Action CS.10.6.2 Investigate the feasibility of a disaster emergency help line based out of the Town Emergency Operations Center that residents can call for information/help in preparing their homes for an approaching storm.

Objective CS.10.7 Provide the framework to create a Volunteer Disaster Assistance Program.

Action CS.10.7.1 Provide a weekend-long training session to include discussion of liability issues, hazard mitigation techniques that homeowners can perform, a description of the Town's procedures during and after an emergency and any other information deemed necessary.

Action CS.10.7.2 Develop information brochures regarding vulnerabilities of natural hazards to homeowners, renters and contractors to include information on self-assessments, how to form emergency plans, techniques for long-term hazard mitigation and protection and town evacuation routes and shelters.

Action CS.10.7.3 Ensure operational ability/resident awareness of the established Code RED Emergency Telephone Calling System.

GOAL CS.11 PROVIDE QUALITY EDUCATIONAL SERVICES WITHIN THE CONSTRAINTS OF AVAILABLE RESOURCES.



Objective CS.11.1 Ensure that all school facilities are maintained in safe and sound condition.

Action CS.11.1.1 Routinely inventory and assess school facilities.

Action CS.11.1.2 Continue the septic system maintenance and pumping program.

Action CS.11.1.3 Inspect and assess all school facilities (including day care) and periodically review evacuation procedures for the Town's schools.

Objective CS.11.2 Plan to meet future demands for educational services.

Action CS.11.2.1 Develop a joint demographic database with the Department of Planning.

Action CS.11.2.2 Reorganize districts relative to growth patterns and projected need.

Action CS.11.2.3 Require applicants for major land development projects to analyze the impact of new residential development on the availability and cost of resources.

Objective CS.11.3 Construct necessary improvements to school facilities to meet the existing and projected demand for educational services.

Action CS.11.3.1 Implement the recommendations identified in the 'North Kingstown Schools Feasibility Study' completed by the Robinson, Green, Beretta Corporation, September 2003, and further evaluated and amended by the Town of North Kingstown's Asset Management Commission.

Objective CS.11.4 Continue to provide and improve continuing education programs.

Action CS.11.4.1 Develop educational programs that are responsive to the needs of area employees.

Action CS.11.4.2 Continue to encourage continuing education for teachers and other educational personnel.

Objective CS.11.5 Ensure all schools have comparable facilities and technologies.

GOAL CS.12 ENCOURAGE PROGRAMS THAT PROVIDE ACCESS FOR NORTH KINGSTOWN RESIDENTS TO HEALTH AND WELFARE SERVICES TO A REASONABLE BASIC STANDARD.

Objective CS.12.1 Encourage access to health care, support services and other social services for all citizens.

Action CS.12.1.1 Continue to monitor and evaluate available public and private health services available for those in need.

Action CS.12.1.2 Continue to participate and cooperate on a regional basis in programs designed to deliver low cost health care, support services and other social services.

Action CS.12.1.3 Contribute funding to agencies that provide low cost health care, support services and other social services based on the services provided and the need demonstrated.

Action CS.12.1.4 Work to ensure that duplication of low cost health care and other social services does not occur.



Objective CS.12.2 Support efforts to ensure that all citizens of North Kingstown are housed in safe and healthy environments.

(See Housing Element Objective H.4.2 and related Actions)

Objective CS.12.3 Increase public transportation access to health and social service facilities.

Action CS.12.3.1 Increase participation in local and regional programs that provide transportation assistance to area health and social services agencies.

Action CS.12.3.2 Encourage location of health care and social service facilities, as well as affordable housing developments along RIPTA bus lines.

GOAL CS.13 PROVIDE SERVICES FOR THE TOWN'S SENIOR CITIZENS

Objective CS.13.1 Continue to provide staffing and space for senior citizen services.

Action CS.13.1.1 Inventory and evaluate the effectiveness of existing Senior Services.

Action CS.13.1.2 Make improvements to Beechwood House to improve service.

Action CS.13.1.3 Plan to provide additional space for programs and services to accommodate projected growth in the senior population of North Kingstown (55 years and older)

Action CS.13.1.4 Survey interests and needs of citizens (55 and older) every 3-5 years.

Objective CS.13.2 Explore possibilities for regional development of such facilities as health screening and senior day care.

Objective CS.13.3 Continue to encourage the cooperative sponsorship of social, recreational, and educational programs between the Senior Service Department and the Recreation Department.

Objective CS.13.4 Ensure safety of elderly housing, nursing homes and those elderly residents living independently.

Action CS.13.4.1 Provide guidance to seniors in conducting self-assessments of vulnerability of their residences to natural disasters.

Action CS.13.4.2 Request senior residents living independently within the Town to notify Police/Fire emergency services of their location.

Action CS.13.4.3 Develop emergency evacuation plans for these buildings/facilities, with assistance from the Police Department.

GOAL CS.14 CONTINUE THE HIGH QUALITY, CONVENIENT LIBRARY SERVICES OFFERED AT THE NORTH KINGSTOWN FREE LIBRARY

Objective CS.14.1 Provide a broad range of library materials and access to information.

Action CS.14.1.1 Continue to ensure that the library maintains a diverse, balanced and current collection.

Action CS.14.1.2 Provide assistance in using collections and services to all patrons, including those with special requirements for services.



Action CS.14.1.3 Continue to ensure the library's special collections are accessible to the public while protecting them from harm.

Objective CS.14.2 Provide a full range of free programming.

Action CS.14.2.1 Continue to provide a variety of adult public programs and activities that promote the library as a cultural center and as a resource for life-long learning.

Action CS.14.2.2 Continue to offer programming for children that includes ongoing Story Time sessions for infants, toddlers, and preschoolers; a Summer Reading Program for preschool through middle school students, and a variety of other types of programs for all children, teens and their families including crafts, story tellers, musicians, and puppeteers.

Action CS.14.2.3 Continue to offer computer classes for all ages.

Objective CS.14.3 Provide an accessible, attractive, safe, comfortable and convenient library facility.

Action CS.14.3.1 Continue the aggressive, ongoing maintenance of the library facility and its systems.

Action CS.14.3.2 Develop and implement an asset protection schedule for capital improvement projects at the library.

Objective CS.14.4 Provide users of the library with efficient access to electronic resources and services by taking advantage of exiting and changing technology.

Action CS.14.4.1 Continue to provide access via the library home page to a variety of electronic resources available to patrons in the library and online.

Objective CS.14.5 Provide for the future of library service in North Kingstown.

Action CS.14.5.1 Continue to develop and implement short-range and long-range plans that reflect new and innovative ways of delivering library services.

GOAL CS.15 ENSURE THAT TOWN BUILDINGS ARE SUFFICIENT FOR NECESSARY PERSONNEL, SERVICES AND FUNCTION.

Objective CS.15.1 Consider making improvements to town buildings as needed.

Action CS.15.1.1 Improve the Animal Control Facility on Hamilton-Allentown Road.

Objective CS.15.2 Plan for expansion and reorganization based on best available management techniques and efficient operation of departments.

Action CS.15.2.1 Prepare a detailed space needs study for Town departments.

Action CS.15.2.2 Conduct a Town Hall expansion study.

Action CS.15.2.3 Provide for the secure storage and protection of all vital town records.

Objective CS.15.3 Secure appropriate buildings and land at Davisville for Town facilities in accordance with the Economic Development Plan Element and the Base Reuse Plan.



GOAL CS.16 FACILITATE THE TOWN PLANNING AND REGULATORY REVIEW PROCESS THROUGH THE USE OF A TOWN-WIDE GEOGRAPHIC INFORMATION SYSTEM (GIS).

Objective CS.16.1 Maintain and continue to update annually the Town's GIS.

Action CS.16.1.1 Expand the Town's GIS data by adding coverages for:

- Buildings;
- Road pavement widths;
- Sidewalks;
- Topographical contours
- Parking; and
- Infrastructure (manholes, sewer lines, gas, electrical, phone, water, storm drains).

Objective CS 16.2 Explore the possibility of creating a GIS Department

GOAL CS.17 FACILITATE THE IMPLEMENTATION, EVALUATION AND PERIODIC REVISION OF THE HAZARD MITIGATION PLAN AS APPROPRIATE

Objective CS.17.1 Ensure post-disaster hazard mitigation opportunities are in place.

Action CS.17.1.1 Consider adopting a recovery and reconstruction ordinance that will expedite the rebuilding of the town and the recovery of town services after a storm or other natural hazard event.

Objective CS.17.2 Develop a Debris Management Plan for collecting and disposing of debris after a storm event.

Action CS.17.2.1 Identify locations where debris can be collected, including locations for potentially hazardous materials.

Action CS.17.2.2 Actively seek multiple agreements with hazardous waste vendors to ensure a timely response at a reasonable price.

Objective CS.17.3 Develop strategies to help local businesses recover from the effects of a natural disaster.

Action CS.17.3.1 Organize a collective clean up strategy of properties after a disaster.

Action CS.17.3.2 Create a list of businesses and people connected with those businesses authorized to enter the business immediately following a disaster to aid the Police Department in guarding properties after a disaster.

Objective CS.17.4 Inventory assets and estimate potential losses of all vulnerable structures.

Action CS.17.4.1 Utilize FEMA's HASUZ-MH software to identify structures, infrastructure and critical facilities (including any future development) to estimate anticipated financial estimates based on damage to/loss of structures, their contents, or loss of function.

Action CS.17.4.2 Encourage mobile home park owners to provide information to their residents on how to protect their property during storm/weather events.



- Action CS.17.4.3** Assess vulnerability of Wickford Village housing to natural disasters and improve/retrofit as necessary. In addition, an evacuation plan should be developed for senior and disabled residents.
- Action CS.17.4.4** Assess vulnerability of masonry apartment and mill buildings constructed prior to 1977 state building codes to natural disasters and improve/retrofit as necessary.
- Action CS.17.4.5** Consider seeking funds to offer assistance to owners of properties with repetitive flood loss to be used to flood proof, elevate, or relocate these structures.
- Action CS.17.4.6** Coordinate the Town's emergency planning with the Rhode Island Airport Corporation (RIAC) to ensure continued operation and reduce the cost of disaster clean up at Quonset State Airport.

VII. Natural and Cultural Resources



VII. NATURAL AND CULTURAL RESOURCES ELEMENT

The Natural Resources Element of the Comprehensive Plan provides for the protection and management of North Kingstown's resources, including its water resources, soils, vegetation, and wildlife. Water resources, such as groundwater, freshwater bodies, coastal waters, and wetlands, are perhaps most critical to the future of the community. The importance of the water resources is evidenced in the Town's regulations and policies that seek to protect them. Regulations to protect groundwater and other sensitive areas were first adopted in 1974 and have been since then successfully used to protect and improve the resources. The Town of North Kingstown is one of the few communities in Rhode Island to have a Groundwater Committee.

Appreciated in different ways are some of the other important natural and cultural resources. Scenic resources in North Kingstown consist of a tremendous variety of architectural elements, scenic roads and vistas, farmland, and pastoral landscapes that define the aesthetics of the Town. Historical resources, including historic sites and buildings, as well as archaeological resources and a thriving arts community, provide special cultural opportunities for residents and visitors.

A. Accomplishments 2001-2008

The Town has continued to implement recommendations of the 2001 Comprehensive Plan Update to protect natural and cultural resources, undertaking the following key actions:

- ❑ All underground fuel storage tanks have been removed;
- ❑ Regulations have been adopted regarding use of fossil fuel motorboats on freshwater ponds that contribute to the Town's drinking water supply;
- ❑ A catch basin cleaning program has been implemented;
- ❑ A Hazard Mitigation Plan has been completed;
- ❑ Procedures have been initiated to protect, preserve, and restore Town records;
- ❑ Measures have been implemented to protect trees and stonewalls that define the character of the Town's roads and an ordinance has been established for preservation and protection of historic landscape features (i.e., mature trees, stone walls, historic gardens, meadows and farms); and,
- ❑ Regulations have been established to protect, prohibit movement of, maintain, and provide access to historic cemeteries.

In addition, the following programs and initiatives are underway:

Wetlands Mapping

The Town of North Kingstown has digitally mapped freshwater and estuarine wetlands to assist in the protection of these natural resources. The mapping is based on aerial photo interpretation and compilation of existing wetland documentation. The Planning Department utilizes this data as a reference tool for review and still requires that an on-site wetland delineation be completed to determine the actual wetland boundaries.



Scenic Roadways Application

The Town of North Kingstown has submitted an application to the RI Scenic Roadways Board to designate the Route 1 (Tower Hill Road) and Route 4 (Colonel Rodman Highway) Corridor as a Rhode Island Scenic Roadway. The North Kingstown Town Council endorsed the application on July 12, 2004. This corridor possesses significant scenic resources, which independently or in combination create an unusually attractive, continuous and integrated traveling experience for motorists and bicyclists. This designation will protect the natural, historical, cultural, archaeological, recreational and visible resources that contribute to the scenic quality of the corridor and reinforce the rural character of the community not only for residents but also for those traveling through town.

Wickford Harbor Watershed Assessment

The Wickford Harbor Watershed Assessment, completed by the North Kingstown Conservation Commission, URI Cooperative Extension, and Save the Bay in November 2000, identified pollution problems and established management options for the Wickford Harbor watershed.

Sawmill Pond Project

The Town contracted with the Southern Rhode Island Conservation District to explore the future potential of the Sawmill Pond in the Davisville neighborhood. Proposed improvements include scenarios for the rehabilitation of the breached Sawmill Pond Dam and efforts aimed at addressing water quality, sedimentation and fish passage.

Stormwater Management Program Plan

The North Kingstown Public Works Department, with assistance from Vanasse, Hangen, Brustlin, Inc., submitted a stormwater management plan to RIDEM in March of 2004 that identifies several best management practices to reduce non-point source pollution to Town surface waters.

B. Public Visioning and Survey

The importance of preserving natural and cultural resources was demonstrated through public outreach conducted for the 2008 Comprehensive Plan Update. Respondents to the survey indicated that the Town's physical environment and natural resources are among the top positive attributes of the community (preceded by the Town's character, good place to raise a family, central location in state, and Narragansett Bay access). Preservation of groundwater quality and quantity also remain as primary concerns for residents. Over 56 percent of survey respondents support sewer expansion to protect groundwater quality, to protect public health from poorly functioning systems, and to protect wetlands and surface water quality.

Residents of the Town of North Kingstown continue to show their support for protecting the Town's natural resources by supporting bond referenda to acquire open space and development rights on sensitive lands. According to the results from the survey, the most important reasons for open space protection is to protect the character of the community followed by the protection of wetlands.



C. 2008 Comprehensive Plan Update

The goals, objectives and actions of the Comprehensive Plan reflect the community's strong desire to preserve and protect its natural resources. These focus upon:

- ❑ Protecting groundwater resources through the continued implementation and enhancement of the Groundwater Protection Plan;
- ❑ Providing incentives and improving regulations to mandate water conservation strategies;
- ❑ Improving the quality of the Town's surface waters by reducing the impacts of urban runoff with better stormwater management and the reduction of pollutants in runoff from lawn care fertilizers;
- ❑ Preserving, protecting, and maintaining the Town's beaches;
- ❑ Implementing Wetland Protection Overlay District regulations;
- ❑ Continuing to implement the Town's Street Tree Ordinance;
- ❑ Promoting an environmentally-conscious and sustainable community;
- ❑ Maintaining dams to preserve wetland resources and safety of downstream development, while allowing recreational use, and to consider removing structures that have contributed to the ecological damage of a natural resource, where prudent;
- ❑ Preserving and protecting the Town's scenic corridors and vistas; and,
- ❑ Preserving and protecting farmland, to keep farms open and active.
- ❑ Preserve Hall's Rock located behind the North Kingstown Chamber of Commerce.

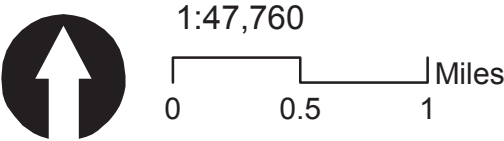
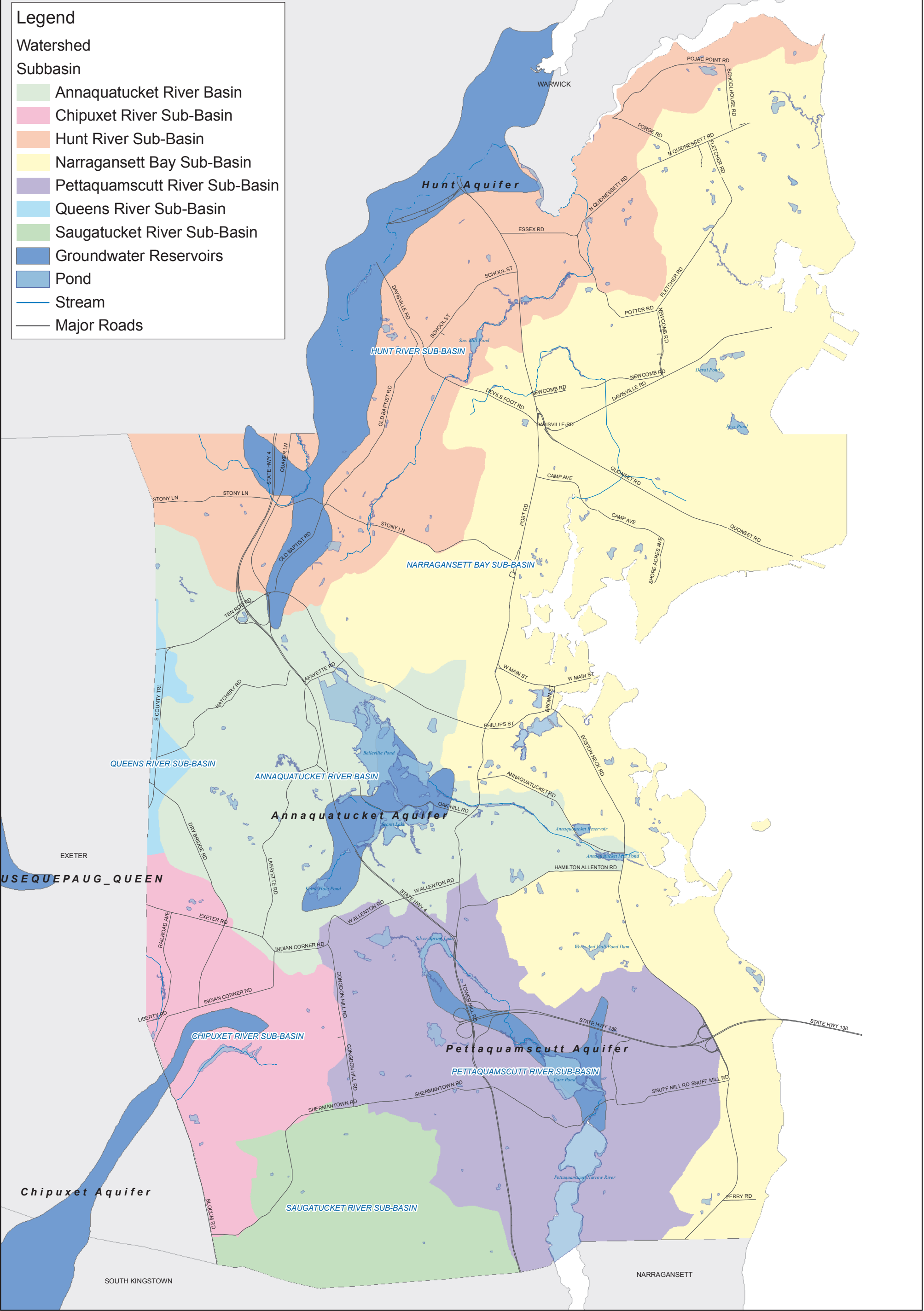
The goals, objectives and actions of the Comprehensive Plan Update also reflect the community's strong desire to preserve and protect its historic and cultural resources. These focus upon:

- ❑ Maintaining an up-to-date inventory of historic properties;
- ❑ Encouraging voluntary private stewardship of historic properties;
- ❑ Using historic preservation tools and land development regulations to preserve and protect historic properties and archaeological resources; and,
- ❑ Identifying, developing and expanding the artistic and cultural resources of the Town.



D. Vision Statement

The Town of North Kingstown holds a wide variety of natural and cultural resources that provide both environmental and socio-economic benefits to its residents. These resources range from groundwater, surface water, coastal resources, farmland, forests and various species of wildlife within the natural environment to the many sites of historical significance including mill villages, historic home sites, cemeteries, archaeological resources. A very important natural resource is the Hunt-Annaquatucket-Pettaquamscutt sole source aquifer that must continue to provide adequate quality and quantity of drinking water for local residents and businesses. There is also an expanding arts community that benefits the Town in many ways. The Town should work to preserve all of these natural and cultural resources in an effort to ensure the preservation of the natural and built environment, enhance the quality of life for its residents, and provide a base for enriching the lives of the people who live in and visit North Kingstown.



This map is for reference purposes only. The Planning Department utilizes this information as a reference tool for review. This map is not intended for use as a site plan.





GOALS, OBJECTIVES AND ACTIONS

GOAL NC.1 PROTECT, PRESERVE AND, WHERE POSSIBLE, RESTORE THE NATURAL RESOURCES OF NORTH KINGSTOWN.

Objective NC.1.1 Continue to implement the Groundwater Protection Plan.

Objective NC.1.2 Require stormwater management, including pollution mitigation techniques and best management practices, with any new construction or when upgrading stormwater systems.

Action NC.1.2.1 Consider adoption of a Low Impact Development program.

Action NC.1.2.2 Implement regulatory techniques that provide measures for soil erosion and sediment control.

Action NC.1.2.3 Investigate the establishment of a stormwater management authority.

Action NC.1.2.4 Adopt stormwater management regulations and maintenance practices in accordance with best management practices as recommended in the Phase II Stormwater Management Plan.

Action NC.1.2.5 Implement the Drainage Study for local and collector roads.

Action NC.1.2.6 Reduce runoff pollution to the Town's water supply through implementation of the Phase II stormwater management plan, a comprehensive non-point source study of existing systems, roadway drainage design, maintenance and covering of salt piles.

Action NC.1.2.7 Develop an inventory of roadways and facilities in environmentally sensitive areas and reduce the use of salts or other de-icing chemicals in their maintenance.

Action NC.1.2.8 Locate road salt and de-icing chemicals in safe and environmentally sound locations and structures to prevent accidental pollution/contamination.

Action NC.1.2.9 Develop a drainage improvement program concurrently with the pavement management program for new and existing roads.
(See *Circulation Element Action C.1.9.6*)

Objective NC.1.3 Protect the integrity of groundwater resources from pollution.
(See *Community Facilities Element Objective CS.6.1*)

Action NC.1.3.1 Continue to use land-planning techniques including cluster, PUD, PDR, TDR, conservation zoning, and easements to protect groundwater aquifers.

Action NC.1.3.2 Continue to encourage land conservation in the groundwater protection areas through financial incentives and town tax and spending policies.

Action NC.1.3.3 Continue to acquire land and development rights in groundwater protection areas and areas for potential well sites.



- Action NC.1.3.4** Continue to limit industrial development over groundwater aquifers to protect the Town's drinking water supplies.
- Action NC 1.3.5** Continue to require all new development within groundwater protection areas to conform to the Groundwater Protection Ordinance, and site plan and stormwater management design criteria for groundwater districts.
- Action NC.1.3.6** Require existing development in groundwater protection areas to comply with the Groundwater Recharge Ordinance and site plan and stormwater management design criteria for groundwater districts.
- Action NC.1.3.7** Amend zoning to facilitate transfer of development rights from "sending" areas close to municipal wells (GW1 in the groundwater overlay protection district) to "receiving" areas further from the wells (GW2 and areas outside the groundwater protection zone), or from the groundwater protection overlay district (GW1 and GW2) to areas outside the overlay zone.
(See Land Use)
- Action NC.1.3.8** Offer a density bonus when transferring development from GW overlay districts to non-groundwater districts that are outside self-sustaining lands and lands of critical concern as defined in the *Narrow River Special Area Management Plan*.
- Action NC.1.3.9** Amend zoning for groundwater overlay protection district to limit the number of bedrooms per two acres and not the number of units per acre. This would facilitate diversity of housing type and encourage construction of smaller housing units including multifamily housing.
(See Land Use and Housing)
- Action NC.1.3.10** Map the stormwater collection system over the Town's groundwater aquifers in accordance with the Phase II Stormwater Management Plan.
- Action NC.1.3.11** Implement, evaluate and update the Wastewater Management District.
- Action NC.1.3.12** Support a wastewater management program that is environmentally sound, is based on the best technology to protect the health of the people, protects our valuable surface and groundwater resources, and ensures the cleanliness of Narragansett Bay.
- Action NC.1.3.13** Work to eliminate substandard wastewater treatment systems (cesspools and poorly functioning ISDS).
- Action NC.1.3.14** Support use of DEM-approved innovative alternatives for replacement of failed conventional ISDS, especially within 200 feet of coastal and freshwater wetland resource areas.
- Action NC.1.3.15** Investigate ordinances requiring the use of denitrification systems in environmentally vulnerable areas.



- Action NC.1.3.16** Develop solutions for areas of the Town where present sewage disposal systems are inadequate and affect public health and water quality.
- Action NC.1.3.17** Continue to enforce the Wastewater Management Ordinance's regulation for mandatory inspection of individual wastewater treatment systems through a program which prioritizes inspections in the following four districts: properties dependent upon private wells; GW1 and poorly flushed coastal areas; GW2 and densely settled coastal areas; and the remainder of town.
- Action NC.1.3.18** Decrease impervious surface and encourage the use of pervious surface wherever environmentally sound to encourage the percolation of groundwater and reduce runoff and flooding potential, especially in groundwater recharge areas.
- Action NC.1.3.19** Recognize that individual sewage disposal systems help maintain the hydrological balance in critical groundwater recharge areas by limiting the transport of water out of the recharge zone.
- Action NC.1.3.20** Work to identify, remove, mitigate and/or isolate hazardous waste dumpsites.
- Action NC.1.3.21** Enforce regulations relative to fossil fuel motorboats on freshwater ponds that contribute to the Town's drinking water supply.
- Objective NC.1.4** Continue to provide a means of conserving the Town's supply of potable water for actual or anticipated shortages and when deemed necessary for the health, welfare or safety of the residents of the Town.
- Action NC.1.4.1** Encourage use of native species and low water consumption plant materials for landscaping.
- Action NC.1.4.2** Reduce stormwater runoff and potable water demand by encouraging construction of rain gardens and other landscapes which facilitate groundwater infiltration while using drainage from impervious surfaces such as roofs.
- Action NC.1.4.3** Establish a surcharge on peak summer water usage (May to October) over 150 percent of average winter water use (November to April) to limit water use (step-rate with increasing water cost based on usage). Surcharge to fund position to enforce water use limitations.
- Action NC.1.4.4** Limit permitted times for landscape irrigation and watering landscaping (other than with hand held hoses) to 7 PM to 7 AM, odd/even watering dates for property served by both private wells and municipal water service.
- Action NC.1.4.5** Enforce watering and landscape irrigation regulations for nonagricultural use.
- Action NC.1.4.6** Require a permit to install or retrofit existing underground irrigation systems to require backflow devices and to provide guidelines



concerning water-efficient landscaping and efficient operation of automatic systems.

Action NC.1.4.7 Implement demand management techniques recommended in the *Water Supply System Management Plan*.

Action NC.1.4.8 Promote the installation of cisterns to collect rainwater for non-potable uses such as landscape watering and car washing.

Objective NC.1.5 Continue to educate local decision makers, residents and businesses about local watersheds and the measures necessary to prevent the degradation of natural resources.

Action NC. 1.5.1 Consider supporting a watershed council, especially the Hunt River Watershed and other stressed basins.

Action NC. 1.5.2 Educate the public about preventing water contamination, especially activities such as dumping yard waste and other pollutants.

Objective NC. 1.6 Safeguard and improve the quality of the Town's groundwater to ensure safe drinking water. Safeguard and improve the quality of the Town's surface waters to ensure their use for safe public contact, recreational and commercial fishing activities, and boating.

Action NC.1.6.1 Strengthen the Town's protection and recognize the importance of the Narrow (Pettaquamscutt) River, Hunt River, Annaquatucket River, Saugatucket River and Chipuxet River Watersheds.

Action NC.1.6.2 Continue to support the implementation of the Narrow River Special Area Management Plan.

Action NC.1.6.3 Implement the recommendations of the Harbor Management Plan.

Action NC.1.6.4 Protect all CRMC Type I waters through land development and land uses. Require that CRMC assents for land adjacent to Type I conservation waters specifying landscaping with native species and low maintenance fertilizing and watering requirements be maintained in perpetuity.

Action NC.1.6.5 Consider a River Protection Overlay Zone to protect the quality of the Narrow River, Hunt River, Annaquatucket River, Saugatucket River and Chipuxet River.

Action NC.1.6.6 Develop a program to upgrade all public roads to minimize runoff pollution.

Action NC.1.6.7 Utilize low maintenance, low fertilizer grasses and plantings in all public facilities to minimize non-point source pollution and maintenance costs.

Action NC.1.6.8 Develop a plan to protect the Town's river corridors, surface waters, wetlands, freshwater and saltwater features by establishing undisturbed setbacks.

Action NC.1.6.9 Continue to support programs such as Watershed Watch that provide a coordinated system of Town, State, federal and volunteer



resources and personnel to test and monitor the quality of ground and surface waters.

Action NC.1.6.10 Test water quality in all ponds and key rivers on a regular basis.

Action NC.1.6.11 Continue to encourage developers to reduce lawn sizes, and educate landowners on proper use of pesticides and fertilizers.

Action NC.1.6.12 Develop regulations to protect the Town's river corridors, surface waters, wetlands, freshwater and saltwater features by establishing undisturbed setbacks.

Action NC.1.6.13 Educate landowners on proper use of pesticides and fertilizers to reduce nutrient loading and algal blooms on ponds, particularly around ponds used for recreation.

Action NC.1.6.14 Restore the ecological state of Saw Mill Pond through the continued assessment / evaluation of alternatives and support the implementation plan of the Sawmill Pond Project.

Objective NC.1.7 Preserve and protect the Town's beaches and barrier beaches through the use of land use planning techniques.

Action NC.1.7.1 Work with the CRMC to research the possibility and necessity of beach renourishment and establishment of new beaches to prevent erosion and protect coastal properties in locations including Wickford Harbor, Quonset Point, and the Town Beach.

Objective NC.1.8 Protect the Town's coastal resources.

Action NC.1.8.1 Consider the implementation of the strategies outlined in the Wickford Harbor Watershed Assessment final report.

Action NC.1.8.2 Establish best management practices for shoreline protection (erosion control).

Action NC.1.8.3 Develop a volunteer coastal monitoring program.

Action NC.1.8.4 Upgrade coastal ISDS systems with anti-flotation measures and emergency shut-off features in the long-term protection of Narragansett Bay during storm/weather events.

Action NC.1.8.5 Prepare a Storm Preparedness Plan to mitigate the damage that storm-carried debris can cause.

Action NC.1.8.6 Analyze the feasibility and impact of replacing or enlarging the breakwater at the entrance to Wickford Harbor.

Action NC.1.8.7 Support annual coastal cleanup volunteer efforts.

Action NC.1.8.8 Support Governor's initiative to protect the quality of Narragansett Bay.



Objective NC.1.9 Preserve and protect the Town's wetlands.

- Action NC.1.9.1** Develop a Wetland Protection Overlay District and, where appropriate, require stricter standards than State and Federal agencies.
- Action NC.1.9.2** Establish buffer zone requirements for resource protection, including wetland buffer zones, increased individual sewage disposal system (ISDS) setbacks, and advanced treatment systems.
- Action NC.1.9.3** Implement regulatory techniques that provide measures for soil erosion and sediment control.
- Action NC.1.9.4** Support Belleville Pond Dam reconstruction to ensure that wetland resource areas are maintained.
- Action NC.1.9.5** Continue to protect wetlands through various means such as protected open space, setback requirements, easements, and direct purchase.
- Action NC.1.9.6** Continue to incorporate homeowner education into wetland protection strategies.

Objective NC.1.10 Continue to preserve, protect and, where practicable, restore the Town's trees and woodlands.

- Action NC.1.10.1** Continue to create and manage Town forests on open space land, where appropriate.
- Action NC.1.10.2** Evaluate the potential use of Town Forests for nursery stock.
- Action NC.1.10.3** Require, as appropriate, underground utilities when roads are reconstructed or when redevelopment occurs.
- Action NC.1.10.4** Encourage the planting of new street trees and the preservation of existing trees in new residential developments.
- Action NC.1.10.5** Broaden the role of the Farm Advisory Board to address forest resource issues and strategies.
- Action NC.1.10.6** Utilize a cooperative approach between state and local government and private organizations to identify, protect and maintain valuable and ecologically sensitive forestland from development.
- Action NC.1.10.7** Utilize available means, including innovative zoning techniques, to conserve the Town's remaining forestland in critical areas.
- Action NC.1.10.8** Continue to promote the tax provision of the Farm, Forest and Open Space Act as tool to conserve forestland.
- Action NC.1.10.9** Continue to support locally grown products to help ensure the viability of farming and forestry in the Town.



Objective NC.1.11 Continue to implement the Town's street tree ordinance.

Objective NC.1.12 Preserve, protect, and where practicable, restore the Town's wildlife habitats.

Action NC.1.12.1 Continue to use land-planning techniques to preserve wildlife habitat.

Action NC.1.12.2 Utilize open space protection strategies to protect wildlife habitat and rare species.

Action NC.1.12.3 Create interconnecting open space parcels and natural resource areas as wildlife corridors.

Action NC.1.12.4 Implement strategies as outlined in the *South County Greenspace Project* to protect the regions natural, cultural, and recreational resources.

Action NC.1.12.5 Consider removal of small private dams to promote and restore fish passage.

Objective NC.1.13 Maintain an unobtrusive noise environment.

Action NC.1.13.1 Continue to enforce appropriate regulations for industrial uses.

Action NC.1.13.2 Review and as appropriate adopt noise control ordinances for industrial uses including uses of the Quonset Business Park waterfront area.

Objective NC.1.14 Recognize the importance of protecting the air quality.

Action NC.1.14.1 Establish and enforce local air quality standards and ensure that these standards are met during the development and full build-out of the Town.

Objective NC.1.15 Recognize the importance of protecting against light pollution in the night sky.

Action NC.1.15.1 Adopt a Dark Sky Ordinance to regulate lighting in parking lots, recreational facilities, streets and highways to maintain safety while minimizing the amount of light reflected back into the sky.

Objective NC.1.16 Provide for local town involvement in the preservation and protection of its natural resources.

Action NC.1.16.1 Request that the Town's Planning Commission, Conservation Commission, Harbor Management Commission, Groundwater Committee, and Land Conservancy and all other appropriate Town bodies entities to provide resource analysis and make recommendations on proposed alterations to the natural environment.

Action NC.1.16.2 Continue to use the expertise of the Groundwater Committee to provide advice on water use and conservation.

Action NC.1.16.3 Encourage the Conservation Commission to meet with Conservation Committees in neighboring towns to address issues of



mutual concern, including Narrow River and Hunt River watershed management, as well as Washington Country Greenspace protection.

Action NC.1.16.4 Encourage interaction and joint meetings between Town Boards and Commissions.

Objective NC.1.17 Ensure that Town and State regulations governing development are enforced.

Action NC.1.17.1 Adopt regulations that, at a minimum, meet State requirements and, where warranted, adopt more stringent requirements.

Action NC.1.17.2 Streamline and coordinate the development review process and ensure enforcement is adequate and complete.

Objective NC.1.18 Develop strategies to protect the community from the impacts of natural hazards.

(See Community Services and Facilities Goal CS.9; and related Objectives and Actions)

Action NC.1.18.1 Implement recommendations of the Hazard Mitigation Plan.

Action NC.1.18.2 Implement the recommendations of the Emergency Response Plan.

Action NC.1.18.3 Work with New England Gas to create an emergency shut-down of gas lines in the event of bridge collapse and line disruption on the following bridges: Hussey Bridge, the Brown Street Bridge, the Babbit Farm Bridge over Cocumscussoc Brook and the Hamilton Mill Bridge on Boston Neck Road.

Action NC.1.18.4 Review emergency plans for water service restoration in the event of collapse of the following structures: Hussey Bridge, Brown Street Bridge, Babbit Farm Bridge over Cocumscussoc Brook and Hamilton Mill Bridge on Boston Neck Road, Stony Lane and Drybridge Road Bridges over the railroad tracks, and Forge Road Bridge over the Potowomut River.

Objective NC. 1.19 Maintain an environment where odor-generating uses are not objectionable to residents.

Action NC.1.19.1 Enforce code inspection of noxious or objectionable odors.

Action NC.1.19.2 Revise zoning to ensure that industrial processing uses that potentially generate objectionable odors are adequately buffered from adjacent residential neighborhoods.



GOAL NC.2 IDENTIFY, DEVELOP, EXPAND AND PROTECT NORTH KINGSTOWN'S HISTORIC RESOURCES.

Objective NC.2.1 Maintain an inventory of historic resources.

- Action NC.2.1.1** Document and map the sites, structures and districts of historical significance to the Town for the purpose of identification, inventory, protection and education.
- Action NC.2.1.2** Add new documentation to the town and state inventory of historic resources as it becomes available.
- Action NC.2.1.3** Work with historic societies, the Historic District Commission, the universities, and other civic organizations to develop a local information center for historic resources.
- Action NC.2.1.4** Work with the State Historic Preservation and Heritage Commission and other sources to designate eligible individual properties and districts to the National Register.

Objective NC.2.2 Continue to maintain the historic character of roads and landscapes.

Objective NC.2.3 Encourage voluntary private stewardship of historic resources.

- Action NC.2.3.1** Educate owners of historic properties about state and local programs available.
- Action NC.2.3.2** Develop a marker system for Historic Districts.
- Action NC.2.3.3** Educate homeowners about the identification and preservation of historic sites.

Objective NC.2.4 Protect the Town's historic resources.

- Action NC.2.4.1** Investigate the creation of additional local historic district zones, beginning with consideration of National Register Districts such as Saunderstown, Lafayette, Shady Lea and Belleville.
- Action NC.2.4.2** Amend North Kingstown historic zoning to identify mechanism for consideration of additional historic districts which protect isolated historic structures, noting that according to current regulations, historic districts may include one or more structures.
- Action NC.2.4.3** Work with the State on building codes for historic structures.
- Action NC.2.4.4** Promote an understanding and appreciation of the history of the Town's roadside locations, roads, and intersections through a program of signage to mark Town boundaries and historic and cultural sites.
- Action NC.2.4.5** Continue to use conservation easements to improve preservation opportunities and reduce the tax burden of property owners.
- Action NC.2.4.6** Continue to utilize loans and grants to preserve historic districts and sites.
- Action NC.2.4.7** Expand the use of historic district zoning where the need exists.



Action NC.2.4.8 Re-establish deteriorating or destroyed signs marking historic sites.

Action NC 2.4.9 Require developers of new residential subdivisions and land development projects to identify significant site features and historic resources, and utilize conservation zoning techniques to protect these resources.

Action NC.2.4.10 Research retrofitting techniques to mitigate storm/weather damage of the town's historic structures.

Action NC.2.4.11 Complete a survey to identify historic landscapes.

Objective NC.2.5 Preserve and protect historic landscape features (i.e., mature trees, stonewalls, historic gardens, meadows and farms.

Objective NC.2.6 Protect, prohibit movement of, maintain and provide access to historic cemeteries.

Objective NC.2.7 Protect the Town's archaeological resources.

Action NC.2.7.1 Require archaeological surveys in locations with a high probability of undisturbed resources.

Action NC.2.7.2 Work with the Narragansett Indian Tribe to identify archaeological sites.

Action NC.2.7.3 Adopt site plan provisions that will require protection of archaeological resources.

GOAL NC.3 IDENTIFY, DEVELOP AND EXPAND THE ARTISTIC AND CULTURAL RESOURCES OF THE TOWN OF NORTH KINGSTOWN.

Objective NC.3.1 Support the North Kingstown Arts Council in their development of cultural and artistic groups and activities.

Objective NC.3.2 Document, identify and utilize existing cultural and artistic resources of local and regional significance.

Objective NC.3.3 Develop and expand existing educational programs in the visual, musical and performing arts to actively involve all age groups in the community.

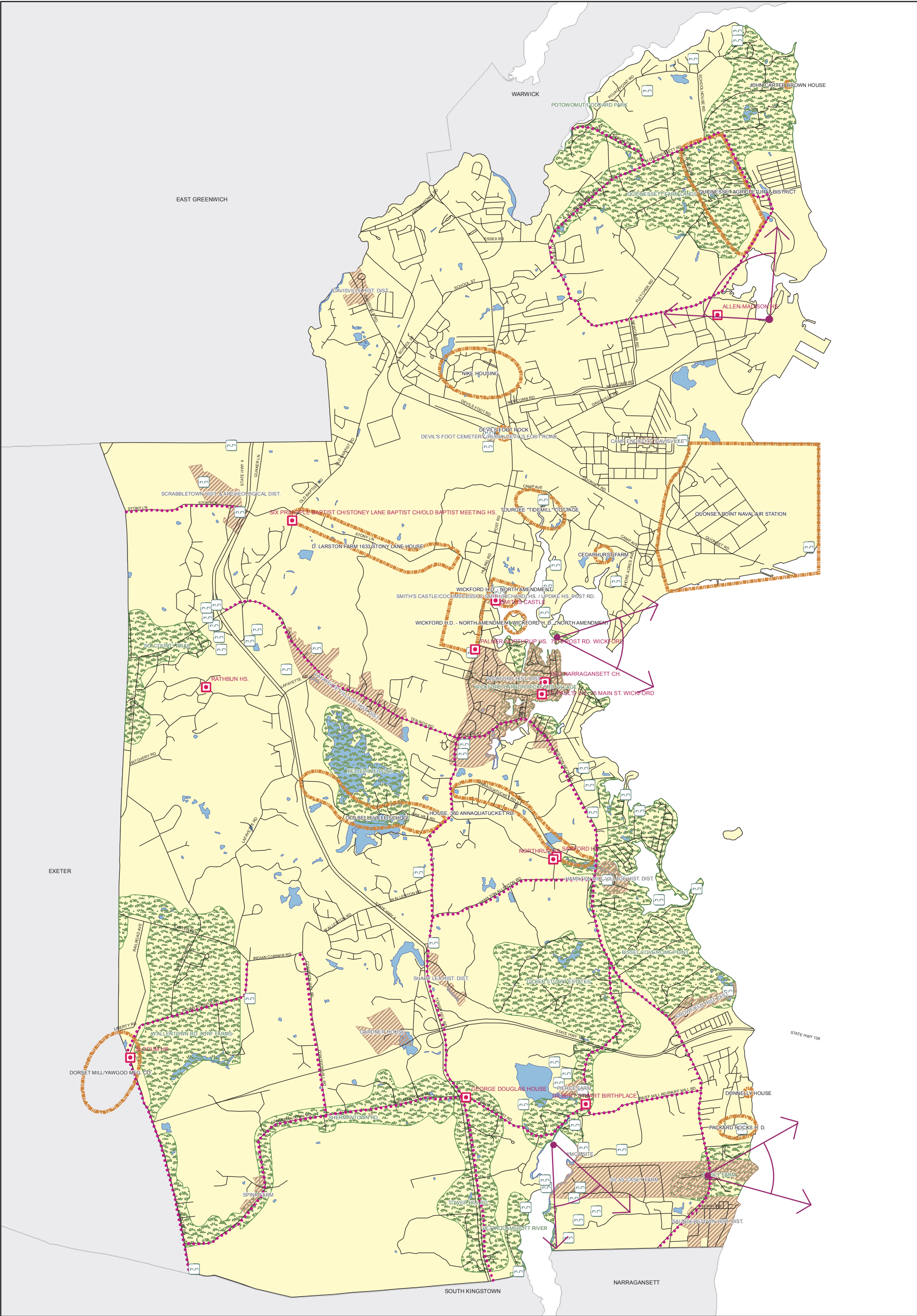
Objective NC.3.4 Foster a relationship between the artistic community and the business community. Develop and coordinate funding for the arts (e.g., an Arts Trust).

Objective NC.3.5 Work with the North Kingstown Arts Council to explore sites and funding for a Center for the Arts that will be available to individuals in the community.

Objective NC.3.6 Develop and implement a local cultural heritage education program.

Objective NC.3.7 Provide funding for artists and arts-related events, when possible.

Goal NC.4 PROMOTE AN ENVIRONMENTALLY CONSCIENTIOUS COMMUNITY.





Objective NC.4.1 Establish and run educational programs that allow the community to have a greater understanding of their natural landscape and cultural and historical heritage.

Action NC.4.1.1 Encourage Town-wide active participation in learning about natural, historical and cultural resources of North Kingstown.

Action NC.4.1.2 Develop a uniform signage program for proper marking of natural and cultural resources.

Action NC 4.1.3 Continue a Town-wide environmental education program for residents and businesses.

Action NC.4.1.4 Educate business about techniques for preventing general and business-specific pollution.

Action NC.4.1.5 Establish a Town program to provide education and guidance in compliance with environmental regulations and property environmental management processes.

Action NC.4.1.6 Town facilities should be examples of environmentally conscious facilities that also meet design guidelines.

Action NC.4.1.7 Continue to encourage business, industry, citizen and municipal participation in conservation and recycling programs to conserve natural resources.

GOAL NC.5 RECOGNIZE AND SUPPORT THE ROLES OF PRIVATE AND SEMI-PUBLIC ORGANIZATIONS, AS WELL AS INDIVIDUALS, IN THE LIFE OF THE COMMUNITY.

Objective NC.5.1 Ensure accessibility to appropriate public spaces for both private and semi-public community organizations.

Objective NC.5.2 Recognize appropriate public, private, semi-public, and semi-private organizations as important community resources, involve them in the policy- and decision-making process and encourage them to participate actively in educational and cultural programs.

Objective NC.5.3 Ensure that the government is open and accessible to all community organizations.

Objective NC.5.4 Recognize and support the various social service agencies that contribute to the Town citizens' quality of life.

Objective NC.5.5 Create a local civic volunteer recognition program.

VIII. Open Space, Conservation and Recreation



VIII. OPEN SPACE, CONSERVATION AND RECREATION ELEMENT

Preserving North Kingstown's open space land helps to maintain the Town's rural character, as well as providing for the recreation needs of residents. Today, there are approximately 7,433 acres of land preserved as open space through residential compound development, cluster development, planned village development and public. In addition 1,298 acres of land has been protected through the purchase of the development rights. Combined, these represent approximately 33 percent of the Town's land area, an 11 percent increase since 2001.

The Town works collaboratively with the Land Conservancy of North Kingstown (LCNK), Narrow River Land Trust, Rhode Island Department of Environmental Management (RIDEM) Agricultural Land Preservation Commission, US Department of Agriculture (USDA)/ Natural Resources Conservation Service (NRCS), the Washington County Land Trust Coalition, the Rhode Island Land Trust Coalition, the Nature Conservancy, the Rhode Island Forest Conservators Organization and others to protect farmland, wetlands, shorelines, woodlands, wildlife, trails, and open spaces of North Kingstown.

Recreation facilities and programs are offered by the Town at a variety of facilities, including major parks, playfields, neighborhood parks, playgrounds, play lots, and special areas. The Town generally provides facilities and programs in accordance with standard guidelines of the National Recreation and Park Association.

Open space need not be land specifically devoted to conservation or passive recreation. Often there is not clear distinction between recreation and open space. For example, a privately owned golf course, serves as green space and as a buffer from the surrounding development, but is considered active recreation. A privately owned golf course is also unlikely to have protection from potential development, thereby making the ability to identify the Town's open space land inventory a constantly changing exercise. Furthermore, parcels that the Town has purchased the development rights to can be identified as conservation land however it remains in private ownership so the property cannot receive a public open space designation. The complexity of identifying open space areas in Town leads to an apparent discrepancy between the Open Space & Recreation Map and the Future Land Use Map within this plan. The Open Space & Recreation Map identifies current open space land that is permanently protected and open space land that is not safeguarded. The Map also identifies private and semi-private organization's land holdings such as the Audubon Society, development rights holdings, and local homeowners associations open space land. The Future Land Use Map does not identify the open space land that is not permanently protected or is still under private ownership. The Town does remain committed to safeguarding these unprotected parcels as they provide valuable natural and recreational assets to the community.

As North Kingstown continues to grow, open land, including agricultural land, will quickly be absorbed by development if preservation mechanisms are not in place. A number of planning programs that can create incentives for preserving open land include Transfer of Development Rights (TDR) and Conservation or Open Space Development. TDR is a tool that can be used to facilitate the movement of development from environmentally sensitive areas into areas that can better accommodate development.



A. Accomplishments 2001-2008

The community's commitment to farmland and open space preservation has led to additional acquisitions of development rights. The Town has recently acquired 9-acres of the Wilbert Farm. In addition, the Town continues to attempt to secure the development rights of several properties throughout town:

- Freeborn/Conn Farm
- Delvecchio Farm
- Rathbun
- Sherman
- Bald Hill Nursery
- Headwaters of the Saugatucket River
- Wellhead protection areas

The following provides a summary of the projects initiated as action items in the 2001 Comprehensive Plan Update:

Calf Pasture Point Master Plan

In 2002, the Town of North Kingstown initiated a Master Plan of Calf Pasture Point, located south of the Mount View neighborhood. The master plan includes opportunities for passive recreation, a variety of trail types and scenic overlooks. Nature interpretation opportunities and the restoration of a functional salt marsh are also included in the master plan.

Yorktown Park Master Plan

Phase I of the Master Plan for Yorktown Park, completed in 2004, included privately funded playground equipment; fencing; a basketball court; and initiation of a trail system. The Town has recently applied for a grant through DEM to complete Phase II of the Master Plan to include improvements to existing trail systems, an additional fitness trail and improved parking/lighting.

Additional Open Space and Recreation Studies and Plans

- ❑ *Saw Mill Pond Project* – Summarized in the Natural/Cultural Resources Element
- ❑ *Public Access Plan for Quonset Business Park* – Summarized in the Quonset Business Park Element
- ❑ *Wickford to Quonset Bikeway Feasibility Plan* – Summarized in the Circulation Element



B. Public Visioning and Survey

The accomplishments of the past 5 years reflect the Town's Vision and Goals from the 2001 Comprehensive Plan and other special planning efforts. A recent survey of citizen attitudes suggests that interest in the preservation of the Town's rural character through open space preservation remains high. Three-quarters of the residents surveyed indicated that they are in favor of spending tax dollars to protect open space. Those supporting open space preservation felt that it is needed for a variety of reasons, although the most frequently cited were protecting wetlands and protecting the character of the community. Over 90 percent of survey respondents are in favor of the Town spending tax dollars to acquire and conserve open space (a 15 percent increase from the last survey in 2000). Areas identified as priorities for acquisition were south of Wickford, Wickford and Saunderstown. Preserving and protecting open space and the environment were cited as the single most important action the Town can make in managing land use. Purchase of development rights is recognized as a more cost effective means of preserving open space while avoiding management responsibility.

In a 2006 survey of North Kingstown residents, 90.2% favor spending tax dollars to protect open space. The following outlines these respondents' reasons for protecting open space:

Protect wetlands	30.7%
Protect water supply	8.0%
Limit Growth	15.9%
Protect look of the Town	23.9%
Public access to waterfront	4.5%
Protect farmland	11.4%

Over 71 percent of survey respondents indicated that town parks, beach and recreational facilities are maintained in excellent or good condition. When asked which, if any, recreational facilities should be developed by the Town, the highest priority is for the development of trails or paths for hiking, running and biking, followed by construction of neighborhood playgrounds and playing fields for team sports.

C. 2008 Comprehensive Plan Update

The Comprehensive Plan recognizes the importance of open space to the rural character of the Town. The Open Space, Conservation and Recreation Element includes a commitment by the Town to continue to protect and preserve the Town's open spaces. Using a "growing greener" approach, the Town plans to accomplish its preservation goals through a mix of purchases and private actions that do not require expenditures of public funds. The goals, actions and objectives in the Plan focus upon:

- ❑ Identifying the desired network of open space – or "green infrastructure" – to be preserved
- ❑ Prioritizing open space for acquisition through clearly defined criteria
- ❑ Working with landowners to encourage voluntary preservation of open space
- ❑ Seeking alternative means of achieving open space protection through the use of innovative techniques such as Transfer of Development Rights (TDR) and conservation subdivisions



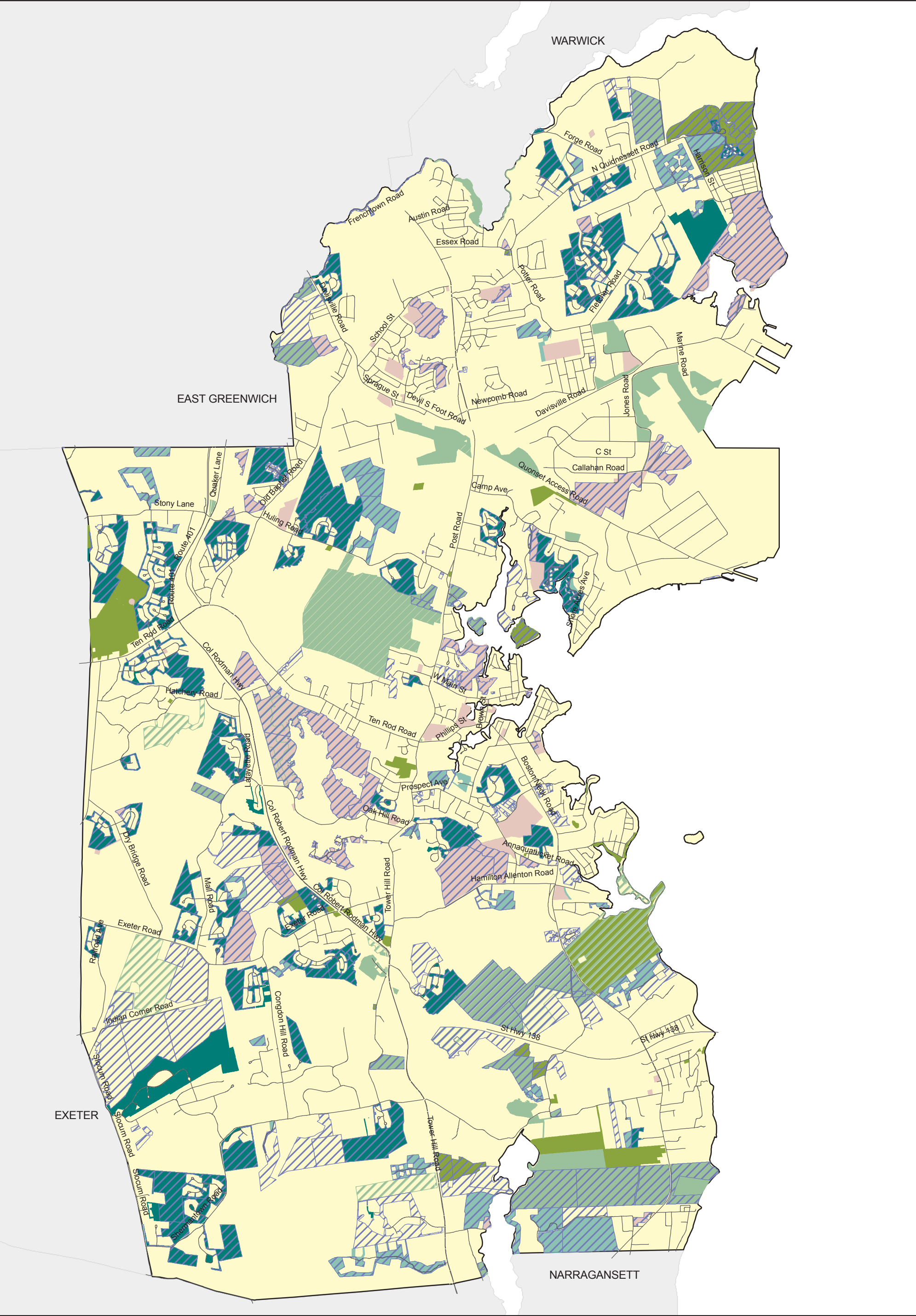
- ❑ “Growing greener” protection of open space through creative approaches to land development, including the use of conservation developments and the continued use of residential compounds to protect open space, and by exploring new tools such as conservation subdivisions
- ❑ Seeking to connect protected open spaces to accomplish the “green infrastructure” through a variety of techniques
- ❑ Transferring development rights (TDR) within the groundwater protection overlay zone to increase residential / mixed use density while protecting property from development closer to the wellhead protection areas
- ❑ Educating the public regarding the community’s rural heritage and the importance of open space
- ❑ Coordinating open space conservation through land trusts, federal and state agencies, and non-profits such as the RI Audubon Society and Boy and Girl Scouts

The Open Space and Conservation Element also identifies goals, objectives and actions that will be taken to meet recreation needs, including:

- ❑ Monitoring Town demographic characteristics
- ❑ Providing adequate facilities of all types to meet the needs of all segments of the population
- ❑ Providing for multi-use indoor/outdoor recreation centers
- ❑ Using schools for recreational purposes after school hours
- ❑ Maximizing the potential use of land and facilities at the Quonset Business Park for parks and recreation
- ❑ Ensuring proper maintenance of recreation areas and equipment
- ❑ Protecting public shoreline access
- ❑ Improving marine recreation options for a water park, swimming, fishing, boating access to bay area/island parks, and water taxi service

D. Vision Statement

The Town recognizes that growth must be managed to preserve the rural and scenic heritage of North Kingstown through the preservation of open spaces, such as woodlands, wetlands, freshwater areas, groundwater resources, undeveloped waterfront, wildlife, wildlife habitats (especially rare and endangered species habitats), nesting areas, farmlands and areas of geological and archaeological significance. The Town’s vision also includes the provision of a wide range of passive and active recreational opportunities and facilities to accommodate and enhance the quality of life for all residents. The Open Space, Conservation and Recreation Plan will provide guidance to residents in the stewardship of their lands.





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Miles

Local NGO Conservation & Park Land

State Conservation & Park Land

Cluster Open Space

Compound Open Space

Town Property

Open Space

Other Open Space

Roads

This map is for reference purposes only. The Planning Department utilizes this information as a reference tool for review. This map is not intended for use as a site plan.



INCORPORATED 1674



GOALS, OBJECTIVES AND ACTIONS

GOAL OS.1 PROTECT AND PRESERVE THE OPEN SPACES IN NORTH KINGSTOWN.

Objective OS.1.1 Identify a network of open space throughout the Town that should be protected.

Action OS.1.1.1 Identify resource areas and values of currently protected open space.

Action OS.1.1.2 Establish criteria for preservation of open space, including creation of “green corridors” that connect conserved parcels.

Action OS.1.1.3 Identify sites within the Town that connect to protected areas in abutting communities that should be included within the open space network, including but not limited to the following:

- significant coastal features
- barrier beaches
- significant scenic resources
- freshwater resources
- groundwater resources
- forests
- meadows
- pitch pine/scrub oak barrens
- farmland
- orchards
- soils suitable for agriculture
- wetlands
- wildlife habitats
- river corridors
- significant archaeological sites
- unusual geological features
- paleontological features

Action OS.1.1.4 Prioritize the list of sites for protection in the open space network for preparation of a Future Open Space Network Map:

- Existing Protected Areas (public land and land with perpetual conservation easements).
- Identify Primary Conservation Areas, which consist of lands deemed to be inherently unsuitable for development due to severe environmental constraints.
- Identify Secondary Conservation Areas, including lands with resources that are either significant at some level or are at least notable and worthy of consideration for conservation wherever possible.



Action OS.1.1.5 Create a Priority Sites for the Open Space Acquisition Map showing High, Medium, and Low Priority Sites ranked according to the following:

- Potential to offset the impact of residential development
- Size of parcel
- Groundwater protection
- Ecologically significant habitat
- Proximity to other protected land or to surface water bodies
- Farmland preservation
- Historic value
- Scenic value

Action OS.1.1.6 Periodically review and update the Priority Sites for Open Space Acquisition Map so that it is readily available for use when funding opportunities become available for purchase of the property or purchase of development rights.

Action OS.1.1.7 Incorporate the findings of the South County Greenspace Protection Plan.

Objective OS.1.2 Investigate and pursue techniques to protect and preserve open space.

Action OS.1.2.1 Continue to purchase development rights for significant open space areas.

Action OS.1.2.2 Implement program to transfer development rights (TDR) from significant open space areas to growth centers and areas better suited for development.

Action OS.1.2.3 Continue to use real estate transfer tax and impact fees to fund open space acquisition.

Action OS.1.2.4 Land-bank priority parcels for future public use including construction of affordable housing.

Action OS.1.2.5 Identify repetitive flood loss parcels with greater than 50% damage for potential acquisition by the Town as preserved open space.

Action OS.1.2.6 Implement Transfer of Development Rights (TDR) to protect and conserve land close to the wellhead (sending area) while transferring development to areas either further from the wellhead within the Groundwater Protection overlay zone or outside the zone (receiving area).

Action OS.1.2.7 Continue to collaborate with non-profits, state and federal agencies, and private land owners/developers to preserve open space through gift, fee acquisition, purchase of development



rights, transfer of development rights, or other innovative strategies.

Action OS.1.2.8 Support efforts of the Land Conservancy of North Kingstown to preserve and manage open space.

Objective OS.1.3 Encourage voluntary preservation of open space by landowners.

Action OS.1.3.1 Investigate and pursue financial incentives as a means of protecting open space, such as special taxing programs, conservation easements, and donations of land to land trusts.

Action OS.1.3.2 Continue to provide financial incentives for property owners to donate land and educate them regarding the financial advantages of donation.

Objective OS.1.4 Promote open space through zoning and subdivision regulations.

Action OS.1.4.1 Continue to use conservation development techniques, for the following purposes:

- Increasing the percentage of open space required when land is subdivided or developed
- Permitting conservation development techniques in certain zoning districts
- Reconsidering the manner in which density is calculated in residential development projects by:
 - (a) at a minimum, applying the same density calculation rules to both conventional and conservation layouts for new residential subdivisions
 - (b) considering adoption of a “menu of density options” for all residential districts based upon the amount of open space that is permanently protected
 - (c) considering reducing the density permitted when conventional subdivision layout is used
- Allowing the use of conservation development techniques, especially when parcels include High Priority Sites for Acquisition
- Varying the amount of open space required in different residential districts
- Excluding open space lands that are not developable (e.g., wetlands and floodplains) when calculating open space percentages
- Expanding options for the continued use of open space in conservation developments for such activities such as a “gentlemen’s farm,” an equestrian center, a wholesale nursery, and a pick-your-own operation
- Limiting the use of open space in conservation subdivisions for active recreation facilities, especially golf courses



- Encouraging preservation of more than the minimum required amount of open space by the use of zoning incentives

Action OS.1.4.2 Revise Land Development Regulations to encourage quality design of conservation developments by:

- Implementing design standards for the quantity, quality, and configuration of open space
- Requiring an enhanced sketch planning process
- Reviewing and revising subdivision standards, as appropriate, related to:
 - (a) street design
 - (b) stormwater management
 - (c) sidewalks
 - (d) street trees
 - (e) driveways
 - (f) flexible lot layouts (flag lots, irregular lots, double frontage lots)
 - (g) wastewater management and advanced treatment systems
 - (h) Use of open space for water supply and sewage disposal in conservation developments
 - (i) Potable water use and management

Action OS.1.4.3 Explore options for on-lot and off-lot septic systems that encourage quality design of conservation developments.

Action OS.1.4.4 Promote the use of Residential Compounds.

Action OS.1.4.5 Require open space preservation, as appropriate, in any case of town-owned properties for the development of affordable housing.

Action OS.1.4.6 Design open space in residential developments to buffer important natural areas and features from nearby development.

Action OS.1.4.7 Consider the preservation and, where possible, the enhancement of wildlife habitat in the design of residential developments.

Objective OS.1.5 Connect protected open space areas to create an open space network (i.e., "greenbelt").

Action OS.1.5.1 Utilize existing and former rights-of-way to connect open spaces.

Action OS.1.5.2 Connect open spaces by providing paths, trails and village greens for common use.

Action OS.1.5.3 Continue to encourage developers utilizing conservations development, PUD and residential compound options to connect private dedicated open space to nearby natural open space, trails, and other protected open space on nearby lands.

Action OS.1.5.4 Explore the possibility of creating links within North Kingstown as part of the State's inter-connected greenway/greenbelt system as



recommended in the State Guide Plan Element 155, Greenspace and Greenways Plan.

Action OS.1.5.5 Promote the environmentally sensitive development and use of trails along rivers, on abandoned railroad right-of-ways, within individual parks, and on a statewide basis for recreation and energy efficient transportation as recommended in the State Guide Plan Element 152, Ocean State Outdoors, Rhode Island's Comprehensive Outdoor Recreation Plan.

Objective OS.1.6 Work cooperatively with other agencies and groups interested in open space preservation.

Action OS.1.6.1 Continue to work cooperatively with national, regional and local conservation organizations and land trusts to acquire and preserve open space.

Action OS.1.6.2 Continue to work cooperatively with federal, state and local agencies to acquire and preserve open space and to establish plans of action in the event of future status changes in preserved properties.

Objective OS.1.7 Provide for town involvement in the acquisition and protection of open space.

Action OS.1.7.1 Develop review processes that include the input of those boards, commissions and people that have expertise in the areas of open space protection and recreation planning.

Objective OS.1.8 Preserve, protect and, where practicable, restore the Town's scenic resources.

(See Land Use Element Objective LU.1.8 and related Actions)

GOAL OS.2 PROVIDE A WIDE RANGE OF RECREATION FACILITIES AND OPPORTUNITIES TO MEET THE NEEDS OF ALL RESIDENTS.

Objective OS.2.1 Provide recreation facilities that meet the needs of the population, and fulfill state recreation standards.

Action OS.2.1.1 Monitor the Town's demographics to ensure adequate provision of recreation facilities.

Action OS.2.1.2 Provide adequate neighborhood park facilities.

- Provide pocket parks in neighborhoods in north end of Town
- Implement recommendations of Sawmill Pond Project
- Investigate Donald Downs Park / Lischio Field to include an environmental assessment master plan and facility development
- Improve and expand playground facilities on school property
- Improve and expand playground facilities at Town parks



- Develop a neighborhood park at Camp Avenue/Lands End Drive site
- Use elementary schools for Town recreation activities

Action OS.2.1.3 Provide adequate community park facilities.

- Work with the State to provide a low impact plan for Cocumscussoc Park
- Implement recommendations of Calf Pasture Point and Yorktown Park Master Plans

Action OS.2.1.4 Provide for special recreation areas.

- Construct new restrooms and septic system at Town Beach
- Develop additional parking for the beach, Senior Center, Community Center and Arts Center
- Improve landscaping and locate bandstand to maximize the view of and from this scenic property
- Seek to acquire additional beach frontage and supportive land
- Explore opportunities to create a second entrance to the Town Beach

Action OS.2.1.5 Provide adequate facilities for picnicking. Include picnic tables in Ryan Park, Walmsley Lane Park and Wilson Park, Phase 2.

Action OS.2.1.6 Provide adequate facilities for tennis.

Action OS.2.1.7 Provide adequate facilities for golf.

- Implement the Golf Course Master Plan.
- Consider sustainable options to maintain the municipal golf course that minimize the use of potable water: developing a new well in groundwater which may not be suitable for drinking water (Class SB groundwater); beneficial reuse of reclaimed wastewater treatment plant effluent; or night watering to avoid daytime peak water demand hours and to minimize evaporation.

Action OS.2.1.8 Provide adequate marina facilities.

- Implement the recommendations of the Harbor Management Plan relative to:
 - Boat launches
 - Development of support facilities to improve Allen Harbor and produce revenue
 - Use the Allen Harbor Calf Pasture Point Master Plan to guide the development in Allen Harbor.



Action OS.2.1.9 Consider all options for management of Town-owned recreation facilities including lease to private operators.

Objective OS.2.2 Explore the development of multi-use indoor/outdoor recreation centers.

Action OS.2.2.1 As new facilities are planned, investigate user fees to maintain the facility.

Action OS.2.2.2 Investigate opportunities to expand Town facilities at the beach, Community Center, Senior Center and Arts Center to meet current and projected demand.

Objective OS.2.3 Use school facilities for extracurricular recreational programs outside of regular school hours.

Action OS.2.3.1 Coordinate use of School Department facilities through the Recreation Department, according to policy.

Objective OS.2.4 Explore the potential for regionalization of recreation facilities.

Action OS.2.4.1 Develop a policy with other local communities to share regional active recreation programs and facilities.

Objective OS.2.5 Ensure proper maintenance of recreation areas and equipment.

Action OS.2.5.1 Include realistic assessments of and budget for operational and maintenance costs in the development of new recreation facilities.

Action OS.2.5.2 Monitor large forested areas during periods of dry weather and drought to fight a fire before significant damage is caused.

Action OS.2.5.3 Inspect the Municipal Golf Course's facilities for vulnerability to storm/weather events and retrofit as necessary.

Objective OS.2.6 Utilize existing and former rights-of-way for recreational purposes.

Objective OS.2.7 Provide for the recreation needs of future residents through subdivision review procedures.

Objective OS.2.8 Acquire the open space and recreation facilities located at the Quonset Business Park that meet the recreation and open space needs of the Town.

GOAL OS.3 ENSURE ADEQUATE ACCESS TO ALL OPEN SPACE AND RECREATION AREAS.

Objective OS.3.1 Provide sufficient parking and signage for existing and planned recreational facilities and open space, as appropriate.

Action OS.3.1.1 Post signage at shoreline access points with information on access and parking restrictions (2-hour limit / no overnight parking, etc.)



GOAL OS.4 PROMOTE THE DEVELOPMENT OF EDUCATION AND INFORMATION PROGRAMS REGARDING OPEN SPACE, RECREATION, RURAL HERITAGE AND NATURAL HISTORY.

Objective OS.4.1 Educate the students at various grade levels, and through adult education programs, in the areas of open space, recreation, and natural historic and rural heritage.

Action OS.4.1.1 Develop a natural resources education program and combine it with an “Adopt-A-Spot” program.

Objective OS.4.2 Develop a uniform Town-wide signage program for proper marking of open space and recreation facilities.

IX. Post Road Corridor



IX. POST ROAD CORRIDOR ELEMENT

The Post Road Corridor is the Town's primary commercial district, extending 4 1/2 miles from the East Greenwich boundary to West Main Street. An aging commercial strip, the Corridor evolved in the 1960s and 1970s, largely providing commercial goods and services to workers and Navy residents at Quonset Point Davisville. Development along the strip has been largely unplanned in terms of access, drainage, and landscaping, and piecemeal in terms of the organization and mix of land uses. Recent roadway improvements by RIDOT have improved travel conditions and enhanced the travel experience along Post Road. However, these improvements have focused on the through-traffic capacity for the road as a primary arterial.

There still remains a need to improve the character and cohesiveness of the corridor. Future repairs and improvements by RIDOT between the Route 1A intersection and the Quonset Business Park area are anticipated, but are not clearly defined. There also needs to be a coordinated planning effort of both public and private investments to further enhance the character of the Post Road Corridor and to attract businesses that meet the needs of local residents, increase the tax base, and offer local employment opportunities. The Town is in a position to anticipate future needs, help guide future design decisions, and advocate for timely and appropriate funding. The economic vitality, value, and quality of life within the Town of North Kingstown will be improved substantially through concerted actions along the Post Road Corridor. Redevelopment of this corridor, while also concentrating a substantial amount of the Town's future residential and commercial growth into the Post Road Corridor, will allow for the preservation of the existing quality of life, open space, and allow for smart growth principles to be implemented.

A. Accomplishments 2001-2008

A key accomplishment was the completion of the Post Road Corridor Plan in May 2005, which had been identified as an objective in the 2001 Comprehensive Plan Update.

Post Road Corridor Plan

The Post Road Corridor Plan contains recommendations for improving the quality of Post Road, including: transportation improvements, streetscape concepts, village center options, land use concepts, and implementation strategies. The Town is also seeking to improve street safety issues, pedestrian safety and beautification as additional objectives along the Post Road Corridor. The Plan recommended the following programmatic actions for Post Road:

Transportation improvements, including retaining the four-lane configuration, a landscaped median, new left turn lanes, bicycle and pedestrian ways, traffic calming, signal coordination, and an Access Management Plan.

Streetscape concepts with landscaped medians, sidewalks, bike paths, landscaped strips with street trees and special plantings, and underground utilities.



Design Guidelines that will support and promote the creation of the desired character and image of a village center. Design guidelines will include street construction standards, intersections, vehicular circulation and access points, alternative travel modes, sidewalks, pedestrian amenities and circulation, street furniture, pedestrian/vehicle separation, parking lot layout, parking structures, architecture building standards (for ms, scale, materials, colors), mixed-use building standards, buffering/screening/landscape design, signage, and lighting.

Two village centers with a Quonset/Davisville Village Center oriented towards the creation of economic development opportunities at the Quonset Gateway parcel, and a Reynolds Farm/Oakdale Road Village Center oriented towards long term controlled development of vacant and underutilized properties, and updating of aging public infrastructure and utilities, with consideration for identifying the areas as “Growth Centers” inline with the Governor’s Growth Planning Council report.

A Smart Growth planning approach that will include: revitalizing all of Post Road from the East Greenwich boundary to the Rhode Island State Police Wickford Barracks; concentrating future development along the Post Road Corridor, especially in the targeted village growth centers; introducing mixed-use concepts and building types that will support the creation of village-scale residential and commercial densities that are higher than what the current regulations permit; promoting higher densities in the targeted village growth centers; reducing setback requirements; encouraging shared parking; promoting design that will support walking and bicycling as the preferred modes of travel; adding civic and open spaces to the mix; and promoting parking solutions that buffer and reduce large paved areas.

B. Public Visioning and Survey

The planning process for the Post Road Corridor Study included a public visioning session where the participants identified the following specific goals and objectives:

- ❑ Pursue the boulevard concept with a provision for a landscaped median along Post Road, including the south section;
- ❑ Allow for continuous traffic flow by coordinating traffic signals and installing curbs to control traffic;
- ❑ Control traffic speeds for safety;
- ❑ Improve roadway safety by installing jug-handle turn-arounds instead of center median openings for left and u-turns;
- ❑ Improve roadway design and layout with improvements especially at Stony Lane, Namcook Road and the North Kingstown Plaza entrance;
- ❑ Provide vehicle connections between stores and to neighboring commercial properties, as well as locating buildings close to Post Road and reconfigure the parking to the rear of buildings;
- ❑ Improve pedestrian safety by providing crosswalks, self-activated signals, and walking connections between parcels, install pedestrian scale lighting, and create a path to Davisville Middle School;



- ❑ Make the corridor pleasant for the neighborhood with good quality sidewalks and improved streetscapes, underground utilities, and create a human scale to the development;
- ❑ Reduce light pollution and create environmentally responsive lighting using the new lighting ordinance
- ❑ Encourage redevelopment with mixed-use development and quality business development, not strip-mall uses;
- ❑ Improve the appearance of Quonset Business Park's gateway parcels and incorporate mixed-use development with high density residential, office, retail, institutional and public activities into the site;
- ❑ Preserve historic landmarks;
- ❑ Promote sustainable development practices with best stormwater management practices, the protection of natural resources and sewers for wastewater treatment within carefully designed limits;
- ❑ Improve the business environment by working with businesses and property owners to achieve consensus; and,
- ❑ Maintain the aspects that define the unique local flavor and architecture.

In the Comprehensive Plan Update survey, residents reinforced the findings of the Post Road Corridor Plan by confirming their regard of the current state of Post Road, with its vehicle-oriented commercial development, as being out of character with the rest of the Town. The residents would prefer that this area incorporate a mix of commercial and residential uses designed on a human scale that encourages walking and biking. Residents believe Post Road would improve by planting trees, installing traffic calming measures, and making the area more pedestrian-friendly.

C. 2008 Comprehensive Plan Update

The Post Road Corridor Element of the Comprehensive Plan Update includes recommendations from the 2005 Post Road Corridor Plan to enhance and revitalize Post Road. The strategies for the Corridor include:

- ❑ Develop capitol improvement plans, including roadway reconstruction, access management, traffic improvements, as well as sidewalk and bike path construction, for incorporation into the Transportation Improvement Program (TIP);
- ❑ Require that RIDOT integrate transportation improvements recommended in the Post Road Corridor Plan with roadway reconstruction projects;
- ❑ Apply to Rhode Island Statewide Planning Program for village growth center designation for two identified segments of Post Road;
- ❑ Update the Zoning Ordinance and other regulatory planning programs to support the Post Road Corridor Plan recommendations;
- ❑ Explore the establishment of a TIF (Tax Increment Financing) district to aid in the construction and financing of infrastructure improvements;



- ❑ Promote the principals of New Urbanism and Traditional Neighborhood Development (TND) for the Post Road Corridor;
- ❑ Implement the findings of the updated Wastewater Facilities Plan for the Post Road Corridor;
- ❑ Involve the business and residential communities in the continuing planning and development process; and,
- ❑ Create public/private partnerships to help implement the Plan.

D. Vision Statement

The Post Road should be a vibrant, safe, and attractive commercial corridor defined by distinctive businesses that reflect its character as the shopping and business center of North Kingstown. The corridor should reflect and emphasize its diversity and the particular character of each one of its segments, rather than attempting to convey a uniform image. The corridor should be community-oriented and linked to the surrounding neighborhoods, lined with sidewalks and trees, and friendly to pedestrians and bicycles. Controlled traffic speed, pedestrian crossings, and left turn lane opportunities will provide safe and easy access to both sides of the road. Underground utilities, pedestrian lighting, and minimal but effective signage will enhance the streetscape. Design guidelines for new development will foster a village scale wherever possible, and promote the development of smaller shops and residential areas that will enhance community livability and character.



GOALS, OBJECTIVES AND ACTIONS

GOAL P.1 ENHANCE AND REVITALIZE POST ROAD AS THE TOWN'S MAJOR COMMERCIAL, MIXED-USE DISTRICT.

Objective P.1.1 Implement the Post Road Corridor Plan.

- Action P.1.1.1** Continue to monitor changes in land use along and surrounding Post Road.
- Action P.1.1.2** Continue to develop the Land Use Plan with zoning districts along Post Road that encourage land use diversity with a mix of service, professional, commercial and residential uses, based on considerations such as:
- Proximity to residential use;
 - Pedestrian access;
 - High quality architectural design;
 - Landscape and site design;
 - Efficient and maximized density;
 - Abutting land use;
 - Existing land use;
 - Highway accessibility;
 - Traffic flow;
 - Market area;
 - Sound water allocation and water reuse planning;
 - Innovative stormwater techniques
 - Environmental constraints; and
 - Sustainability.
- Action P.1.1.3** Provide housing, service, commercial and retail uses along Post Road which complement, support and enhance the uses located in the Quonset Business Park.
- Action P.1.1.4** Continue to encourage the use of protected open space parcels to separate the districts along Post Road.
- Action P.1.1.5** Consider requiring impact fees or financial assistance from developers to pay for infrastructure improvements such as sidewalks, street trees and plantings, sewers, shared



parking, street furniture, attractive light fixtures and underground utilities.

- Action P.1.1.6** Consider the Plan's recommended changes to the zoning ordinance including:
- Changes to General Business to allow mixed-use development and the introduction of high density residential uses;
 - Changes to dimensional requirements in the NR40 and RR80 districts to allow high density compact development within the Post Road Corridor;
 - Rezoning using existing district classifications or rezoning with a new overlay district to allow for more compact village scale development;
 - Revised standards for Quonset Business Park parcels that front on Post Road to ensure village type layouts;
 - Revised standards for undeveloped parcels in the southern segment.

- Action P.1.1.7** Require that RIDOT work with the Town to implement the transportation recommendations of the Post Road Corridor Plan during roadway reconstruction.

- Objective P.1.2** Designate portions of the Post Road Corridor as receiving zones for the Transfer of Development Rights (TDR) from Ground Water Protection Zones.

- Action P.1.2.1** Allow higher density residential and commercial development in the Post Road Corridor TDR receiving zones.

- Objective P.1.3** Encourage redevelopment of selected sites.

- Action P.1.3.1** Investigate incentive programs for the revitalization of Post Road properties that may include, but not be limited to, revolving low-interest loan programs, density incentives, design awards, tax incentives and tax increment financing (TIF).

- Action P.1.3.2** Investigate the use of tax incentives and TIF programs to finance structured parking decks, garages and locations under buildings within the identified village growth centers.

- Objective P.1.4** Promote, where appropriate, residential units in the mix of uses along Post Road.



Action P.1.4.1 Continue to encourage the mixing of residential units and commercial uses in projects.

Objective P.1.5 Create a more “human scale” of development along Post Road.

Objective P.1.6 Promote the principles of New Urbanism and Traditional Neighborhood Development (TND) for the development/redevelopment of the Post Road Corridor.

Action P.1.6.1 Develop a set of design guidelines and associated illustrations to demonstrate the merits and feasibility of undertaking TND.

Action P.1.6.2 Promote infill development along Post Road as a means of discouraging and limiting new development in the more rural areas of Town.

Action P.1.6.3 Allow higher-density residential development along the Post Road Corridor, especially in the targeted growth centers.

Action P.1.6.4 Direct new higher-density development and redevelopment in areas that are already well serviced by the existing infrastructure.

Objective P.1.7 Adopt and implement design guidelines specific to Post Road that define the Corridor’s unique character, pedestrian scale, and attractive landscaping.

Action P.1.7.1 Seek funding to transform Post Road into an attractive boulevard with an intermittent landscaped median.

Action P.1.7.2 Develop landscaping requirements for the Post Road Corridor to address items such as street trees, landscaped buffer requirements from nearby residential uses and parking lot landscaping.

Action P.1.7.3 Continue to work with RIDOT on landscaping requirements in the proposed Post Road reconstruction plans to assure consistency with the Post Road Corridor Plan.

Action P.1.7.4 Require street lighting that respects the design guidelines of Post Road including public street lighting and lighting in commercial developments.



Action P.1.7.5 Seek funding to prepare construction documents to implement public area improvements in accordance with the Post Road Corridor Plan.

Action P.1.7.6 Work with RIDOT and private landowners to construct streetscape improvements on a phased basis.

Action P.1.7.7 Continue to work with RIDOT to include bikeways, streetscapes, under-ground utilities and traffic calming techniques in Post Road reconstruction.
(See *Circulation Element Objective C.2.8*)

Action P.1.7.8 Require all new development to reuse stormwater runoff as a method for reducing the need for watering landscaped areas with potable water.

Objective P.1.8 Improve signage and minimize visual clutter in the Post Road Corridor through replacement and improvement of existing signs.

Action P.1.8.1 Review the Town's sign ordinance for consistency and appropriateness with the Post Road Corridor Plan and amend sign regulations accordingly.

Action P.1.8.2 Establish a grant program for commercial façade rehabilitation and signage improvements.

Action P.1.8.3 Implement a commercial signage amortization program.

Action P.1.8.4 Establish design standards for signs within the Post Road Design Guidelines.
(See *Objective P.1.6*)

Objective P.1.9 Work with business and property owners in the implementation of the Post Road Corridor Plan.

Action P.1.9.1 Continue to encourage the organization of a Post Road Business Association.

Action P.1.9.2 Formulate with the Chamber of Commerce and maintain a joint Post Road marketing program, which may include:

- Identity development (e.g. logo, shopping bags);
- Store hours coordination;
- Coordinated marketing/advertising;
- Events programming;



- Corridor newspaper.

Action P.1.9.3 Formulate and maintain a joint business district maintenance program.

Objective P.1.10 Designate Quonset/Davisville Village Center and Reynolds Farm/Oakdale Road Village Center as new Growth Centers.

Action P.1.10.1 Refine the designation of the Growth Centers as presented in the Post Road Corridor Plan.

Action P.1.10.2 Apply to Statewide Planning Program for designations of the Growth Centers.

GOAL P.2 PROTECT AND PRESERVE UNIQUE RESOURCES IN THE POST ROAD SPECIAL CORRIDOR DISTRICT.

Objective P.2.1 Preserve historic landmarks, existing open space and the unique natural resources in the Post Road Corridor. The following sites have been identified for continued historic and open space preservation:

- The Quidnessett Cemetery and Caretakers Home Plat 156 Lots #4, #7 and #8;
- Residence located on Plat 156, Lot #8 nearby to the Quidnessett Cemetery;
- Saw Mill Pond;
- Devil's Foot Ledge – Plat 137, Lots #4 and #5;
- Reynold's Farm House located on Plat 136, Lot #1;
- The 1680 House – Plat 135, Lot #53;
- Richard Smith Grove located within the Post Road and Old Post Road rights-of-way; and
- Town-owned land near Wilson Park – Plat 118, Lot 32 and Plat 117, Lot 284.

Action P.2.1.1 Continue to protect the existing heavily forested transition zone from the Post Road commercial area to the Wickford National Register District.

Action P.2.1.2 Continue to investigate and pursue the means to connect Cocumscussoc Park to Smith's Castle in conjunction with the Post Road upgrade.



Objective P.2.2 Foster the creation of pocket parks in commercial areas to complement land use, relieve intensity of development and support pedestrian connections between developments.

GOAL P.3 DEVELOP A CIRCULATION PLAN FOR THE POST ROAD BOULEVARD THAT ACCOMMODATES LOCAL TRAVEL AND BUSINESS NEEDS, WHILE COORDINATING THROUGH TRAFFIC AND ENCOURAGING THE USE OF ALTERNATIVE MEANS OF TRANSPORTATION.

Objective P.3.1 Increase pedestrian and traffic safety.

- Action P.3.1.1** Continue to enforce speed limits along Post Road.
- Action P.3.1.2** Create an Access Management Plan to control and coordinate curb openings along Post Road.
- Action P.3.1.3** Continue to encourage, and to the extent possible require, the use of shared driveway access points between properties.
- Action P.3.1.4** Encourage sidewalks and pedestrian paths along Post Road that connect adjacent commercial buildings and properties, as well as nearby parcels.
- Action P.3.1.5** Work with RIDOT to provide pedestrian-activated crosswalks, crossings, median waiting areas and lighting that will allow for the safe crossing of Post Road.
- Action P.3.1.6** Require that RIDOT integrate pedestrian and bicycle circulation improvements with the reconstruction of Post Road, including construction of a multiuse bike path connecting Hopedale Drive with Camp Avenue (within the Post Road right of way on the east side) as a segment of the Wickford to Quonset bike path.
(See *Circulation Element, Objective C.2.8 and Related Actions*)

Objective P.3.2 Encourage the development of shared parking agreements in appropriate locations and uses.

- Action P.3.2.1** Continue to encourage parking area coordination and pedestrian connections between businesses.
- Action P.3.2.2** Require construction of stub vehicular and pedestrian connections to adjacent properties at logical locations during property redevelopment as part of the Land



Development process. With future redevelopment of adjacent properties, complete connections will be implemented.

Objective P.3.3 Insure that roadway improvements are consistent with the Post Road Corridor Plan.

Action P.3.3.1 Continue to work with RIDOT on plans for the upgrading of Post Road and the Quonset Access Road to assure consistency with the North Kingstown Comprehensive Plan.

Action P.3.3.2 Work with RIDOT to retain Post Road as a primary arterial and direct efforts to:

- Reduce speeds in the corridor;
- Add traffic calming measures;
- Include pedestrian crossings;
- Include attractive landscaping and signage.

Action P.3.3.3 Incorporate the Post Road Corridor Plan into RIDOT reconstruction plans for Post Road.

Objective P.3.4 Encourage the provision of public transportation along and to Post Road.

Action P.3.4.1 Require sidewalk or multiuse path construction adjacent to Post Road to facilitate pedestrian connections to bus stops.

Action P.3.4.2 Provide pedestrian connections from adjacent neighborhoods, including designated Village Growth Centers, to RIPTA bus service on Post Road.

Action P.3.4.3 Require that RIPTA install bus shelters at primary bus stops.

Action P.3.4.4 Consider options that connect the existing commercial and employment centers to the new Village Growth Centers, including:

- Local or in-town shuttle options;
- Regional transportation systems.



Action P.3.4.5 Require convenient and frequent RIPTA bus service from Post Road, especially within the Village Growth Centers, to the proposed Wickford Junction Commuter Rail Station.

Objective P.3.5 Develop a reconstruction plan for Camp Avenue which considers:

- Adding a left turn lane to the southbound approach on Route 1;
- Adding a left turn lane to the westbound approach on Camp Avenue;
- Adding new signal equipment.

GOAL P.4 PROVIDE ADEQUATE INFRASTRUCTURE AND COMMUNITY SERVICES ALONG POST ROAD WITHOUT NEGATIVELY IMPACTING THE ENVIRONMENT.

Objective P.4.1 Install all utilities underground along the corridor.

Action P.4.1.1 Require all new development to install utilities underground.

Action P.4.1.2 Seek the replacement of above ground utilities to underground for all new roadway projects.

Action P.4.1.3 Coordinate the timing of the installation and replacement of underground utilities to coincide with pavement upgrades to Post Road.

Objective P.4.2 Take advantage of opportunities associated with using sewers on Post Road, as appropriate to support the goals of this Comprehensive Plan.

Action P.4.2.1 Form a municipal sewer district to handle the wastewater needs of the Post Road Corridor

Objective P.4.3 Require Low Impact Development designs and best management practices for stormwater management systems for Post Road and all development in the watershed to protect the Hunt River sole source aquifer system, the groundwater resources, as well as Wickford Cove and Narragansett Bay. *(See Natural and Cultural Resources Element Goal 1 and Related Objectives and Actions)*

Objective P.4.4 Upgrade the water distribution system as appropriate to assure adequate water pressure and supply, and integrate this water system improvement with the roadway reconstruction projects.

X. Quonset Business Park



X. QUONSET BUSINESS PARK ELEMENT

Quonset Business Park (QBP), formerly known as the Quonset/Davisville Port and Commerce Park, is a 3,000-acre complex located on Narragansett Bay and situated north of Wickford and south of Quiddnessett. The site is the former location of the Quonset Naval Air Station until 1972, and the Davisville Naval Construction Battalion Center until 1994. The site is now home to the Quonset Business Park containing high-technology, industrial, office, research and development, retail, transportation, manufacturing, tourist, open space, and recreational uses. The Quonset Development Corporation (QDC), a quasi-public agency created in 2004 through a transfer of powers from the Rhode Island Economic Development Corporation (RIEDC), operates the Park with approximately 147 companies and 6,900 employees. An additional 500 acres are dedicated to the Quonset State Airport, operated by the Rhode Island Airport Corporation (RIAC). Approximately 700 of the 2,500 acres of the business park remain available for development. Projected business park employment is 18,000 at full buildout.

The Quonset Business Park is an integral part of the Town of North Kingstown. The Park offers businesses close proximity to Narragansett Bay and the inherent value of limited access connections to interstate highways, freight rail service, deep water piers with a designated Foreign Trade Zone, a general aviation and military airport with the longest runway in the state, precision instrument approach and control tower, municipal golf course, marina facilities, as well as historic and cultural resources. The Town offers a tax incentive to businesses that locate in the Quonset Business Park that includes a 6-year phase-in, with no inventory tax.

Land Use 2025, the State Land Use Guide Plan Element, indicates that the Quonset Business Park is located within the Municipal Services Boundary.

A. Accomplishments 2001-2008

Town and Quonset Development Corporation staff have been working closely to resolve issues regarding permit approval processes, definitions of land uses, zoning designations/regulations, public access, and buffering between Quonset activities and adjacent residential neighborhoods. The Town considers the Quonset Business Park an integral and important part of the Town, therefore all development should be consistent with the North Kingstown Comprehensive Plan, as outlined in this element or in the Quonset Master Plan. Development in the Quonset Business Park must be consistent with the Rhode Island Comprehensive Planning and Land Use Act, and the State Guide Plan. All state and quasi-public agencies including QDC are subject to conformity with this act.

Quonset/Davisville Port and Commerce Park Master Plan – 2003 Revision of the 2001 Update

RIEDC updated the *Quonset/Davisville Port and Commerce Park Master Plan* in 2003 in response to Governor Donald Carcieri's decision not to proceed with the previous administration's plans to construct a proposed container port facility at Quonset. The Town of North Kingstown utilized the 2003 revision as an opportunity to work with RIEDC to revisit the following concerns not fully resolved during the 2001 update: definitions of land uses, water conservation, public access, and buffering between park activities and adjacent residential neighborhoods. A primary focus of this revision process included coming to a consensus on unresolved issues. Recommendations for revised goals, objectives and actions identified by



the Town as part of the 2001 North Kingstown Comprehensive Plan Update were subsequently integrated into the 2003 revision of the QBP master plan.

The *Quonset/Davisville Port and Commerce Park Master Plan* generally guides development in the Quonset Business Park. The intent of the Master Plan is to optimize the assets at the site to achieve quality, create jobs and to provide environmentally compatible development. The Master Plan must be consistent with the Town's Comprehensive Plan and common elements shall be complementary to the Town's Allen Harbor and Calf Pasture Point Master Plan, completed in September 2004.

The Quonset Development Corporation is currently in the process of drafting an update to the 2004 Master Plan. It is the intent of the Town of North Kingstown to encourage the QDC to use this element and the entire Comprehensive Plan update as a guiding document for their updated Plan. It is the intention of the Town to work with the QDC in the development of their revised Master Plan, and once completed, to bring that document before the Town of North Kingstown for adoption into the Town Comprehensive Plan. This updated Master Plan would replace most if not all of the Quonset Business Park Element of the North Kingstown Comprehensive Plan. The Town and the QDC wish to have one policy document to direct the future growth and development of the Quonset Business Park. In order for the Town to incorporate and adopt Quonset's Master Plan, the document must be consistent with the goals, policies and objectives of the North Kingstown Comprehensive Plan Update 2008.

RIEDC's 2003 Master Plan revision outlined development of a multi-modal industrial and business park with distinct uses at the following eight individual parks:

- ❑ Executive Park – the gateway to Quonset with mixed-use, office, retail sales and services, and institutional/public activities
- ❑ Commerce Park – a medium density industrial and distribution area with the highest concentration of large-tract opportunities
- ❑ Kiefer Park – a 154-acre district of light-industrial parcels in a campus setting
- ❑ North Davisville – 185 acres of light-industrial and water-related industries, also with large tract opportunities available
- ❑ Port of Davisville – a deep water port not subject to federal harbor maintenance tax with ocean construction, aquaculture, and auto importing uses
- ❑ Quonset Davisville Waterfront – 396 acres suitable for marine construction, aquaculture, seafood transporting and processing, as well as water-dependent tourism and recreational uses
- ❑ Quonset – general industrial land use
- ❑ West Davisville – manufacturing and distribution land uses

Quonset Business Park Development Package

In 2005, QDC filed the *Quonset Business Park Development Package* with the State of Rhode Island as a new rule and regulation. The package outlines the various controls in place “to develop a well-planned business park, while recognizing limited resources, as well as the increasingly more complex land use and environmental controls. QDC’s controls emphasize compatibility amongst business operations.” The Development Package essentially serves as QDC’s zoning and land development regulations and is more binding than the master plan.



The controls in the Development Package include protective controls and covenants; land use controls; environmental and socio-economic controls; design review regulations; development restrictions; and sewer user regulations.

The first page of the package includes the following prominent note: "All prospective project proponents are advised to contact the Town of North Kingstown for consultation on the Town's planning and zoning regulations and procedures." QDC representatives indicate that the development of all property leased from QDC is subject to regulations outlined in the Development Package (based on state building permit requirements), and not Town requirements. In an effort to foster consistency and facilitate the future transfer and development of property, QDC strongly recommends all development plans meet Town regulations and obtain Town approval as well. QDC indicates that only property purchased outright from QDC is subject to Town regulations.

Infrastructure Improvements

Within the past five years the image of the park has been improved with the demolition of 200 vacant structures and the upgrade of many of the original Quonset buildings. Further improvements will be funded according to the 2004 state referendum that authorized the State of Rhode Island to issue bonds and notes in an amount not to exceed \$48 million for road and utility infrastructure, building demolition, site preparation, and pier rehabilitation. These state and QDC projects improve the marketability of this, the largest business park in Rhode Island.

Public Access Plan

QDC has prepared a public access plan to address Section 335 of the Rhode Island Coastal Resources Management Program that calls for the protection and enhancement of public access to the shore. Coastal Resources Management Council (CRMC) policy is to "Protect, maintain, and where possible, enhance public access to and along the shore for the benefit of all Rhode Islanders" and to require that applications for commercial and industrial development include a public access plan. The Public Access Plan for the Quonset Business Park, the first requested by the CRMC, is the result of a two-year coordinated effort between the North Kingstown Harbor Management Commission, QDC, and CRMC. Parcels included for public access include beaches, open space and conservation, recreation, historic/cultural facilities and public buildings.

Multimodal Transportation Access

Numerous transportation improvements are either planned or underway at the Quonset Business Park.

- o RIDOT's construction of Phases I and II of the Route 403 limited access highway between Routes 1 and 4 and the Freight Rail Improvement Project will be nearing completion in upcoming years.
- o QDC and RIDOT are collaborating on the design and construction of bike paths within the Park that will serve local residents as well as employees working inside the Park.
- o Seaview Transportation Company, Inc. provides rail service consisting of 14 miles of track in two branches, numerous sidings and several yards.



- o The Rhode Island Fast Ferry, Inc. operates a high-speed ferry service between Quonset Point and Oak Bluffs, MA on Martha's Vineyard. Onsite parking for the fast ferry is provided at the Quonset terminal.
- o Quonset State Airport (OQU) has been defined by the Federal Airport Administration (FAA) as a Federal Aviation / Reliever airport. OQU is a public use facility that is integral to Quonset Business Park, the RI Air National Guard and the RI Army National Guard.

Quonset State Airport Master Plan

The Quonset Airport Master Plan, prepared by RIAC and approved in 2005, identified the feasibility of updating air and landside facilities to meet future requirements. The Town of North Kingstown participated on the Technical Advisory Committee. The FAA-approved Airport Layout Plan outlines the general location of future facilities and improvements. Upgrade of landside facilities will more efficiently serve general aviation as well as military operations, remove excessive pavement area, and include landscaping and other aesthetic treatments. Long term development strategies identified two areas not needed for aviation: a 43-acre area north and east of the 34 end of Runway 16-34 and a 31-acre parcel located along the north face of the bulkhead adjacent to the mid section of Runway 16-34. This area has been discussed as a potential ferry terminal location to provide convenient connections between several modes of transportation.

Hunt Wellhead Protection Area Plan Committee

The Town, QDC and the Kent County Water Authority (KCWA) draw from the Hunt Aquifer for public water supply. As discussed in the Natural and Cultural Resources Element and the Community Services and Facilities Element, the Hunt is a limited resource that needs protection from water withdrawal as well as groundwater preservation. The Hunt Wellhead Protection Area Plan Committee, comprised of the Town, QDC and KCWA, provides a vehicle for discussion for the protection of water quality and water quantity. The water system is comprised of three gravel-packed groundwater wells with a total pumping capacity of 4.6 million gallons per day (MGD). On average, the system pumps 0.6 MGD.

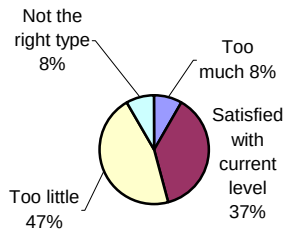
Quonset Business Park Wastewater Treatment Facility

The QBP Wastewater Treatment Facility, located on Quonset State Airport property, currently provides treatment for wastewater from all parcels within the business park as well as several adjacent properties previously within the Naval Air Station or Construction Battalion Center. The Quonset wastewater collection system is comprised of gravity sewer lines, force mains, two existing pumping stations, and one new pumping station currently under construction. The wastewater treatment plant has the capacity to expand to support future wastewater needs of both QBP and the Town of North Kingstown. The current capacity of the wastewater treatment facility is 1.78 MGD with plans for future incremental expansions of 2.6 MGD and 3.9 MGD. On average, the system currently processes 0.55 MGD of wastewater.

B. Public Visioning and Survey

During the preparation of the 2001 Comprehensive Plan Update, residents of North Kingstown stated clear preferences for the use and development of QBP. There was general agreement that industrial development in Town should take place within the borders of QBP and that this development should include a diversity of new uses as well as promotion of existing uses within QBP. These sentiments were reinforced during the 2006 visioning process. Additional areas of concern were that QBP be maximized for development that limits negative impacts, especially in adjacent residential neighborhoods in West Davisville and north and south of Quonset. The need for tighter Town controls over QBP development was also an important theme.

Redevelopment of Quonset



As indicated in the accompanying graphic, 47 percent of survey respondents indicated that too little redevelopment has occurred to date at Quonset. There is overwhelming support (83 percent) for mixed-use development at the Quonset Business Park including office, retail, hotel, recreation, and waterfront access. Support for light industrial development including manufacturing, research and assembly inside the Quonset Business Park is strong (77 percent), as is support for transportation improvements inside Quonset, including ferry, rail, and airport service (72 percent). The majority of respondents (55.5 percent) are in favor of a business park, subject to both Town and QDC review. Quonset was suggested as a location for workforce housing / affordable housing for Quonset workers.

C. 2008 Comprehensive Plan Update

The Town seeks to have future development of QBP conducted in a manner that is both environmentally sustainable as well as economically productive. Mixed use development with commercial, small scale retail and hotel should be considered in addition to the current mix of uses in an effort to support a diversified economy that will provide high quality jobs while enhancing the quality of life in North Kingstown. The Town of North Kingstown is aware that some inherent inconsistencies will now exist between the 2004 Quonset Master Plan and the 2008 Comprehensive Plan Update. The Town of North Kingstown has adopted new policies regarding support for the development of high density housing and small scale retail within the West Davisville area of the Quonset Business Park, to create a true Transit-Oriented Development at West Davisville. The Town of North Kingstown recognizes these potential inconsistencies for the Business Park, and will work with the QDC to incorporate the new policies in future updates to the 2004 Quonset Master Plan. The Town of North Kingstown also recognizes that the level of environmental remediation in the QBP may not be up to residential standards, and additional remediation maybe necessary in order to allow for residential uses in West Davisville. It should also be noted that it is not the intention of the Town to have industrial land converted for the sole purpose of constructing residential housing. Rather a residential housing component would provide a secondary use on properties that would otherwise be underutilized if only developed as a single level building or use. For example, locate offices, software development firms, small marine services business on the ground floor, and residential apartments on the upper floor(s).

Both the Gateway on Post Road and a 40-acre parcel in West Davisville owned by the QDC and the RIDOT have been identified as suitable for mixed use development. A parcel on Allen Harbor has also been identified by the QDC as having the potential for mixed use development. The West

**Transit-Oriented Development
Project Design**

- Mixed Use
- Moderate to High Density – 7+ units/acre
- Mobility Choice
- Pedestrian Connectivity
- Reduced Parking Ratios
- High Quality Design and Public Open Space

Davisville parcel, located adjacent to the Northeast Rail Corridor and on the alignment of the proposed MBTA commuter rail service, has the potential for high-density residential development suitable for transit-oriented development since the site is served with QDC sewer and water service. A growth center at this location would be in accordance with *Land Use 2025*, State Guide Plan Element 121, to provide more intensive development in areas within the Urban Services Boundary, with sewer and water service. Diverse residential development could include a mixture of residential apartments, townhouses and condominiums. This could be supported by associated commercial development

and a parking structure to serve residents, commuters, employee parking for West Davisville industrial businesses, and commercial development.

The goals, objectives and actions outlined in this element respond to the concerns and issues raised by the public during this update process. These focus on:

- ❑ Creating a framework to resolve land use and procedural conflicts between the Town of North Kingstown and Quonset Development Corporation.
- ❑ Developing QBP in a manner that balances industrial, office, technological development; mixed use; water dependent use; and tourist, cultural, recreational, and open space preservation uses that are compatible with the community and that does not exceed the carrying capacity of the land.
- ❑ Developing a 40-acre parcel at West Davisville with mixed use, including a residential density appropriate for transit oriented development.
- ❑ Protecting both the water quality of Narragansett Bay and its economic productivity, as well as, allowing for the enjoyment of the Bay by others.
- ❑ Encouraging the development of QBP with high quality jobs to increase local employment and tax income to the Town, while protecting the environment.
- ❑ Providing opportunity for small scale retail within Quonset Business Park at the Executive Park Gateway, West Davisville and Allen Harbor to meet the needs of a growing labor force.
- ❑ Ensuring that uses of port facilities are not allowed to negatively impact on the Town, the region or Narragansett Bay.
- ❑ Recognizing the economic importance of our waterfront resources and encouraging diverse coastal uses to serve commercial, recreational and marine-related business needs.
- ❑ Protecting and enhancing Quonset State Airport for both military and general aviation needs including service to QBP businesses, national defense and disaster relief.
- ❑ Expanding the Quonset wastewater treatment facility service area to the Post Road Corridor growth centers.



- ❑ Protecting the community from impacts of transportation improvements constructed at or for the benefit of QBP through buffering against potential impacts.
- ❑ Working with the community to ensure proper buffering for residents of adjacent neighborhoods, from impacts associated with construction of road and utility infrastructure, building demolition, site preparation, and pier rehabilitation, funded under a 2004 state referendum.
- ❑ Supporting initiatives that provide for the adequate movement of QBP-generated truck and commuter traffic through North Kingstown.
- ❑ Providing opportunities for multimodal transportation at QBP with bike paths, sidewalks, and ferry, freight rail and air services.
- ❑ Providing public access to the QBP shoreline at Blue Beach, Calf Pasture Point, Compass Rose Beach, Spink's Neck Beach and Allen Harbor.

D. VISION STATEMENT

The 3,000-acre Quonset Business Park, the largest office and industrial park in Rhode Island, will support the following diverse private and public enterprises and properties, while ensuring balanced and sustainable development, successful buffering between incompatible uses and adjacent neighborhoods, preservation of open space and cultural resources, recreational use and shoreline access, and Narragansett Bay stewardship:

- ❑ A technology park with eco-industrial companies, business incubators, manufacturers and, offices;
- ❑ Water-dependent commercial and recreational uses of waterfront, piers, and marina facilities;
- ❑ Mixed use with office, hotel, small scale retail and restaurant uses at the Gateway;
- ❑ Transit oriented development at West Davisville with mixed use office, high density residential and small scale retail;
- ❑ Possible expanded commercial marina use at Allen Harbor;
- ❑ Golf course, shoreline public access, and other recreational areas; and
- ❑ A military and general aviation airport.

The Town's vision strives and hopes that those attributes and assets to be developed, operated, and managed in a manner that benefits park tenants and the community of North Kingstown. The vision welcomes land uses that are environmentally compatible, economically productive, and are of a diversified type, scale and intensity consistent with the character of North Kingstown. The vision also supports water-dependent development and use of the shoreline and adjacent waters that protects Narragansett Bay water quality, vistas and public access.

The vision expects that QBP development will be consistent with the North Kingstown Comprehensive Plan, will reflect and advance the goals and objectives incorporated into the *Quonset/Davisville Port and Commerce Park Master Plan 2003 Update*, and be in accordance with the *Quonset Business Park Development Package*. The Town vision anticipates making efficient use of the land and maximizing the number of jobs per acre. The Town will be partners with QDC



and the State in redeveloping QBP and the Town will participate in any planning efforts associated with the development of QBP.

QBP will support a diversified economy that provides high quality jobs, enhances the quality of life in North Kingstown, and increases property values in surrounding areas. The Town envisions QBP as an area that employs good site design and layout that translates into an attractive view beyond as well as within the limits of QBP. Businesses will locate and grow there because of the many amenities of QBP: developable parcels, access to multimodal transportation links, public infrastructure, intrinsic value of its Narragansett Bay waterfront, golf course, marina facilities and other existing and anticipated amenities. QBP will have additional enhancements that build on our cultural heritage such as the USS Saratoga, Allen-Madison House, Seabee Museum and the Quonset Air Museum.

QBP workers and visitors will enjoy transportation options both to and within the park to reduce truck and commuter congestion on local roads: Route 403 / Post Road improvements, freight rail, walking, biking, shuttle bus, public transit, water taxi, ferry, air service and commuter rail. When completed, transportation projects necessary to support development at QBP--including the relocated Route 403, the link between Route 4 and I-95 South, and other improvements consistent with the freight rail improvement program--will minimize traffic impacts on the community. Quonset State Airport will continue to serve military and general aviation needs and support uses at the park. The Davisville Piers will host activities that make efficient use of existing land and infrastructure to support industries such as the existing automobile importing and exporting business, aquaculture and other fishing-related trades and marine services, while maintaining the environmental integrity of Narragansett Bay.

Business will locate at QBP because of links to training programs, educational facilities, and other business support services. There will be more opportunities for businesses to partner with the North Kingstown school districts and other school districts in the region for educational and vocational programs. Clusters of similar industries as well as eco-industrial companies and business incubators will be encouraged to locate in QBP.

GOALS, OBJECTIVES AND ACTIONS

GOAL QBP.1 ENSURE THAT LAND USE ACTIVITIES ARE COMPATIBLE WITH THE COMMUNITY AND NEARBY RESIDENTIAL AREAS AND THE CARRYING CAPACITY OF THE LAND.

- Objective QBP.1.1** Continue to encourage land use activities at QBP that are of a diversified type, scale and intensity consistent with the character of North Kingstown.
- Objective QBP.1.2** Continue to encourage creation of a “park-like character” that is compatible with nearby neighbors.
- Objective QBP.1.3** Continue to ensure that buffering and other techniques are used to protect residential areas from the impacts of activities at QBP, especially as development increases at the West Davisville industrial park and site improvements come closer to Newcomb Road.
- Action QBP.1.3.1** Continue to review, modify, develop, and where necessary change and implement suitable zoning, land use buffering and design standards in order to protect surrounding areas, while allowing for the ability to maximize the development options available at the QBP.
- Action QBP.1.3.2** Adopt regulations that address light impacts on the surrounding communities and protect the night sky.
- Action QBP.1.3.3** Work with the QDC to get funding for trees and other types of plantings to utilize in buffer areas.
- Action QBP.1.3.4** Encourage QDC to consider buffering industrial land uses from adjacent residential neighborhoods with development of multifamily residential or other compatible land use at West Davisville.
- Action QBP.1.3.5** Consider zoning vacant developable land outside and adjacent to the Park for multifamily residential or other compatible land use to buffer existing and proposed industrial land uses within the Quonset Business Park from abutting residential neighborhoods.
- Action QBP.1.3.6** Adopt regulations to maintain a 25-foot wide no cut, vegetative landscaped buffer along the northern perimeter of the QBP, along the Quonset Shared Use Path, from the corner of Newcomb Road and Fletcher Road to the Allen Harbor area.
- Objective QBP.1.4** Ensure that buffering installed is maintained as needed and upgraded as new concepts and opportunities become available.
- Objective QBP.1.5** Ensure that existing and proposed uses have no or minimal negative on- or off-site environmental impacts.
- Action QBP.1.5.1** Eliminate or minimize odor, noise, vibration, water supply and light impacts to the surrounding community (including adjacent



neighborhoods) and communities located along transportation corridors.

Action QBP.1.5.2 Utilize the land development plan review process and performance standards to ensure development is consistent with community goals and expectations.

Action QBP.1.5.3 Require best management practices and state of the art environmental controls to minimize negative impacts to the Town and coastal resources.

Action QBP.1.5.4 Require all new development meet State and Town building codes.

Action QBP.1.5.5 Require a Hazardous Materials Plan as indicated in the Town's Hazard Mitigation Plan to ensure containment in the event of a storm/weather event.

Objective QBP.1.6 Continue to integrate activities at QBP with the surrounding neighborhoods.

GOAL QBP.2 ESTABLISH A COOPERATIVE RELATIONSHIP WITH QUONSET DEVELOPMENT CORPORATION, THE STATE OR OTHER AGENCIES THAT MANAGE QBP RESOURCES TO REALIZE MAXIMUM STATE AND TOWN BENEFIT FROM THE DEVELOPMENT OF QBP.

Objective QBP.2.1 Embrace the Quonset Business Park as a State and Town asset for its important contribution to the local economy, to job opportunities, to public access to the shoreline, and to the municipal budget through Payment in Lieu of Taxes (PILOT).

Action QBP.2.1.1 Support a constructive relationship between QBP businesses and the local chamber of commerce.

Action QBP.2.1.2 Acknowledge the importance of QBP firms to a diverse municipal tax base.

Action QBP.2.1.3 Encourage local residents to utilize public shoreline access as designated in the CRMC public access plan.

Action QBP.2.1.4 Ensure that the PILOT and municipal property taxes generated by QBP firms are adequately acknowledged by the Town as a component of the municipal budget.

Objective QBP.2.2 Continue to encourage desirable economic development through proper siting, high quality, innovative development standards, and an efficient review process.

Action QBP.2.2.1 Support QDC implementation of regulations outlined in the *Quonset Business Park Development Package*, including recommendations that all project proponents contact the Town of North Kingstown for consultation on the Town's planning and zoning regulations and procedures.



- Action QBP.2.2.2** Ensure that development is compatible with the North Kingstown Comprehensive Plan, site reuse conditions and restrictions embodied in all Quonset and Davisville land transfer agreements, and all other local, state and Federal laws and regulations.
- Action QBP.2.2.3** Accommodate a diversity of industries, whose operations do not conflict with each other, the environment or the Town.
- Objective QBP.2.3** Continue to work with QDC to develop joint North Kingstown-QDC design and development standards and procedures.
- Action QBP.2.3.1** Consider establishment of a joint Town and QDC development site plan review committee with binding approval power. Committee to be comprised of three Town and three QDC staff. Alternatively, an advisory committee with equal representation could be formed if it is not feasible to establish a joint committee with binding approval power.
- Action QBP.2.3.2** Work with the QDC staff to adopt shared rules and regulations for the joint committee to use when reviewing all projects at the QBP.
- Objective QBP.2.4** Ensure that Town zoning and land development regulations require the same or higher level of design review for projects on privately owned property within QBP.
- Action QBP.2.4.1** Establish Town Zoning Regulations consistent with this element to include strong performance standards for business, industrial and mixed use development within QBP.
- Action QBP.2.4.2** Ensure the Town planning approval process is predictable to ensure expeditious and effective permitting.
- Objective QBP.2.5** Encourage QDC to implement requirements of the Development Package, in accordance with the Master Plan.
- Action QBP.2.5.1** Support QDC's implementation of park development and street layout in accordance with the *Quonset/Davisville Port and Commerce Park Master Plan*.
- Action QBP.2.5.2** Support QDC's recommendation that "all prospective project proponents are advised to contact the Town of North Kingstown for consultation on the Town's planning and zoning regulations and procedures" as indicated in *Quonset Business Park Development Package*.
- Action QBP.2.5.3** Encourage QDC to regularly update the *Quonset/Davisville Port and Commerce Park Master Plan* to reflect changing needs. Encourage QDC to update the *Quonset Park Business Development Package* as needed.
- Objective QBP.2.6** Work with the QDC to provide appropriate public services needed for QBP.
- Action QBP.2.6.1** Continue to provide reasonable and necessary municipal services to QBP that will enhance its marketability.



- Action QBP.2.6.2** Continue the Town's representation on the Quonset Development Corporation Board.
- Action QBP.2.6.3** Continue working with the QDC to ensure appropriate fire service within QBP through the identification of an appropriate location within the Park for the construction of a fire station and the transfer of that land to the Town.
- Action QBP.2.6.4** Remain involved in the work of the NK-QDC Community Advisory Committee.
- Action QBP.2.6.5** Continue to assure roadways are properly upgraded to Town standards prior to acceptance by the Town for maintenance and that the construction of new roads meets Town standards.
- Action QBP.2.6.6** Support infrastructure development through the Town's Capital Improvement Program.
- Action QBP.2.6.7** Establish procedure for QDC approval by the Town fire marshal of names for park roads by a memorandum of agreement to ensure Town departments know addresses for emergency response. This would ensure consistent record keeping with the Town Assessor.

Objective QBP.2.7 Encourage development and retention of a strong and vibrant business community that reflects positively on the Town of North Kingstown.

- Action QBP.2.7.1** Encourage tenants to form a QBP business association to increase communication and address common needs such as park maintenance, transportation management, day care, emergency response for hazardous waste issues, and hurricane evacuation, among others.

Objective QBP.2.8 Work with the QDC to ensure the sustainable use of common resources.

- Action QBP.2.8.1** Continue to work with QDC, Kent County Water Authority and other interested parties in the Hunt Wellhead Protection Committee or through other protection initiatives to address water management within the aquifer.
- Action QBP.2.8.2** Continue to encourage water conservation.
- Action QBP.2.8.3** Support public shoreline access in accordance with the QDC Public Access Plan approved by CRMC. Encourage QDC to maintain adequate signage, parking and trail conditions. Collaborate with QDC and CRMC for future expansion of the public access plan as required.
- Action QBP.2.8.4** Encourage use of structured parking to reduce large parking fields and more effectively manage stormwater runoff. Support creative financing such as tax increment financing for parking structures that meet needs of multiple park tenants for multiple uses.
- Action QBP.2.8.5** Encourage QDC to utilize shared parking arrangements between day shift businesses and commercial tenants with residential occupants.



Action QBP.2.8.6 Encourage QDC to offer incentives such as reduced parking in the *Quonset Business Park Development Package* for proponent businesses to investigate transportation demand management strategies such as shared parking, vanpools/carpools, or shuttle bus service to reduce need for large parking fields.

Objective QBP.2.9 Encourage the State to reinvest revenues from QBP back into QBP.

Action QBP.2.9.1 Encourage State bond issues to improve the image of the business park, to support infrastructure upgrade, and to fund transportation improvements.

Objective QBP.2.10 Continue to participate in QDC development initiatives for the Business Park.

Action QBP.2.10.1 Town council appointees to continue to serve on the Quonset Development Corporation Board.

Action QBP.2.10.2 Town representatives to continue to serve on QBP and state stakeholder committees for major development and transportation projects.

GOAL QBP.3 PROTECT THE WATER QUALITY OF NARRAGANSETT BAY, THE ECONOMIC PRODUCTIVITY OF THE BAY, AND THE ENJOYMENT OF THE BAY BY OTHERS.

Objective QBP.3.1 Ensure that waterfront activities do not disrupt existing businesses and jobs and will not adversely affect the job creation potential of the remainder of QBP.

Objective QBP.3.2 Ensure that waterfront development does not degrade Narragansett Bay's water quality.

Objective QBP.3.3 Ensure that waterfront development is compatible with the Allen Harbor Calf Pasture Point Master Plan.

Objective QBP.3.4 Limit and to the extent possible avoid dredging and filling in connection with proposed waterfront activities.

Action QBP.3.4.1 Take appropriate action to protect the natural shoreline of Fry's Cove from filling and dredging.

GOAL QBP.4 DEVELOP QBP IN A MANNER THAT BALANCES INDUSTRIAL OFFICE, TECHNOLOGICAL DEVELOPMENT, MIXED USE, AND WATER DEPENDENT USE, WITH TOURISM, CULTURAL, RECREATION, AND OPEN SPACE PRESERVATION TO ASSURE USES THAT USES ARE COMPATIBLE WITH THE COMMUNITY.

Objective QBP.4.1 Encourage QDC to host activities at the Davisville Piers that are appropriately scaled and make efficient use of the existing land and infrastructure.

Objective QBP.4.2 Continue to support appropriately scaled marine-related industries and services such as the existing automobile importing and exporting business, aquaculture, fishing-related trades, and a proposed marine



service center at the Davisville Piers.

Action QBP.4.2.1 Develop waterfront zoning that accommodates marine dependent and related uses yet protects Narragansett Bay.

Action QBP.4.2.2 Continue to support water dependent use of shoreline, piers, and other waterfront infrastructure that provides jobs, protects the environment, and affords public access (as outlined in the QBP Public Access Plan).

Action QBP.4.2.3 Support expanded aquaculture or fish farming.

Objective QBP.4.3 Support the use of the Carrier Pier for appropriately scaled shipbuilding activities and the proposed location of the USS Saratoga.

Objective QBP.4.4 Continue to support appropriately scaled marine-related industries and transportation services including ferry and water taxi service at the Quonset piers and along the airport bulkhead.

Objective QBP.4.5 Develop QBP in a manner that fosters positive environmental growth and enhances socio-economic benefits.

GOAL QBP.5 ENCOURAGE OPPORTUNITIES TO INCREASE LOCAL EMPLOYMENT AND TAX INCOME TO THE STATE AND TOWN, WHILE PROTECTING THE ENVIRONMENT.

Objective QBP.5.1 Encourage environmentally sustainable land use activities at QBP.

Action QBP.5.1.1 Focus on the use of land for job production and minimize the amount of lay-down area.

Action QBP.5.1.2 Encourage sustainable, “green” land and building development.

Action QBP.5.1.3 Encourage the use and development of alternative and renewable energy sources such as the use of wind power. Amend Town zoning to enable construction of wind turbines at Quonset and by special use permit elsewhere in town.

Objective QBP.5.2 Develop land in a manner that maintains long-term flexibility and balances large and small users.

GOAL QBP.6 ENCOURAGE THE DEVELOPMENT OF QBP WITH HIGH QUALITY JOBS AND LOCAL ECONOMIC BENEFITS.

Objective QBP.6.1 Facilitate economic development opportunities at QBP to increase the tax base of the Town.

Objective QBP.6.2 Maximize diverse job opportunities, direct-revenue and tax-revenues for the Town in concert with the carrying capacity.

Objective QBP.6.3 Form partnerships with local, regional, and State educational institutions to encourage synergy between QBP and educational institutions.

Objective QBP.6.4 Ensure that future development does not reduce the maximum number of jobs that can be created at the QBP by encouraging high density job



development.

GOAL QBP.8 RECOGNIZE THE ECONOMIC IMPORTANCE OF OUR WATERFRONT RESOURCES AND ENCOURAGE DIVERSE COASTAL USES TO SERVE COMMERCIAL, RECREATIONAL AND MARINE-RELATED BUSINESS NEEDS.

Objective QBP.8.1 Allow development and expansion of marine related industries compatible with nearby land uses.

GOAL QBP.9 SUPPORT TOURISM USES THAT ARE COMPATIBLE WITH OTHER ACTIVITIES IN QBP.

Objective QBP.9.1 Recognize the vital link of the Town's varied water resources to the tourism industry and encourage the development of facilities and services that will enhance tourism without degrading the environmental and scenic quality of the waterfront.

Action QBP.9.1.1 Support and encourage multimodal access (including shuttle bus service) from the Vineyard Fast Ferry terminal and airport to local destinations within the Quonset Business Park and in Town.

Objective QBP.9.2 Encourage the activities related to cultural tourism such as the USS Saratoga, Seabee Museum, Allen Madison House, and the Air, Land and Sea Museum system.

Objective QBP.9.3 Recognize the opportunities that tourism activities can provide for training and employment.

GOAL QBP.10 SUPPORT INITIATIVES THAT PROVIDE FOR ADEQUATE MOVEMENT OF QBP-GENERATED TRAFFIC THROUGH NORTH KINGSTOWN.

Objective QBP.10.1 Promote expanded use of freight rail to conserve energy, reduce roadway congestion, and minimize damage caused by heavy traffic to roads and bridges.

Objective QBP.10.2 Encourage the utilization of traffic-demand management strategies and use of carpools/vanpools to reduce volume of single-occupancy vehicles for commuting.

Action QBP.10.2.1 Support development of a shuttle service connecting QBP employment centers with Post Road services to reduce traffic volumes, especially for lunch-time trips.

Objective QBP.10.3 Discourage the use of local roads by QBP users and employees.

Action QBP.10.3.1 Block routine vehicular access between residential areas and the QBP, while retaining access for emergency vehicle use only.

GOAL QBP.11 ENSURE THAT DEVELOPMENT AT QBP DOES NOT EXCEED THE CARRYING CAPACITY OF TRANSPORTATION INFRASTRUCTURE.



Objective QBP.11.1 Work with State and Federal agencies to ensure the timely planning, funding, scheduling and completion of transportation infrastructure projects, including those QDC projects funded with the 2004 state bond referendum.

Action QBP.11.1.1 Complete a full traffic buildout analysis for the Quonset Business Park to ensure adequate carrying capacity of all roadways, and to identify other modes of transportation that will be necessary if the buildout will be beyond the carrying capacity of the roadway network.

Objective QBP.11.2 Work with State and Federal agencies to ensure the timely completion of Phases I and II of Route 403 including all of the ramps identified as deferred in order to minimize the impacts on local roads.

Objective QBP.11.3 Concentrate QBP truck traffic on limited access roads.

Objective QBP.11.4 Ensure that all required mitigation measures are fully bonded in advance of construction.

GOAL QBP.12 PROTECT NORTH KINGSTOWN FROM IMPACTS ASSOCIATED WITH CONSTRUCTION AND OPERATION OF QUONSET STATE AIRPORT.

Objective QBP.12.1 Work with the Rhode Island Airport Corporation to address common issues.

Action QBP.12.1.1 Develop a memorandum of understanding between the Rhode Island Airport Corporation and the Town of North Kingstown that includes the following issues:

- Appropriate regulations for industrial and airport uses;
- Assessment of mitigation measures related to the activities at the Quonset State Airport, including restrictions on nighttime flights to the extent allowable by federal law;
- Proposals for the expanded use of the Airport for charter flights, aircraft repair and manufacturing, and express delivery services imposing operating restrictions on critical variables such as time of day for flights, number of daily flights and noise impacts; and
- Developing a review process with the Rhode Island Airport Corporation for proposals within the flight zone.
- Maintenance of the seawall to minimize sediment flow to the bay.
- Development of zoning restrictions to regulate structure heights within the approach and departure areas for both runways.

Objective QBP.12.2 Encourage appropriately scaled enhancements at the Quonset State Airport in order to better serve the businesses at QBP.



Action QBP.12.2.1 Support redevelopment of landside facilities in accordance with Rhode Island Airport Corporation's Quonset State Airport Master Plan

Action QBP.12.2.2 Participate with the Rhode Island Airport Corporation in the review of proposed long term development options of shoreline parcels north and east of the airfield to assure that use is consistent with the Comprehensive Plan.

Objective QBP.12.3 Support the continued importance of the airport to the National Guard units based at QBP and its benefits to the business park.

GOAL QBP.13 ENCOURAGE DEVELOPMENT OF COMMUTER TRANSPORTATION OPPORTUNITIES.

Objective QBP.13.1 Encourage the use of ferry transportation.

Action QBP.13.1.1 Support and encourage the expansion of current high speed ferry service to Martha's Vineyard and other destinations to serve tourism-based travel.

Action QBP.13.1.2 Support commuter ferry service to Providence, Fall River, and other Narragansett Bay and Mount Hope Bay destinations to provide transportation options for QBP workers, including transit-dependent workforce.

Objective QBP.13.2 Encourage the development of a bicycle system within QBP.

Action QBP.13.2.1 Support RIDOT and QDC efforts for bike path construction within Quonset.

Action QBP.13.2.2 Require a direct connection between the proposed Wickford to Quonset bike path with the Quonset bike path. .

Action QBP.13.2.3 Require bike path connections to paths at Calf Pasture Point and along streets north of Quonset.

Objective QBP.13.3 Explore the potential for a commuter rail link to QBP.

Action QBP.13.3.1 Encourage RIDOT to consider development of a commuter rail station (with transit oriented development) at West Davisville.

Action QBP.13.3.2 Investigate the use of existing railway infrastructure from West Davisville to Quonset and encourage state transportation officials and private transportation providers to consider passenger rail or light rail connections between West Davisville and Quonset, utilizing the Seaview Railway.

Objective QBP.13.4 Encourage an increase in public bus service to QBP.

Action QBP.13.4.1 Encourage RIPTA to provide service to a QBP Gateway transit hub, with connections to future shuttle service.

Action QBP.13.4.2 Encourage RIPTA to provide service that accommodates the needs of diverse work shifts currently in operation 24/7 at QBP.

Objective QBP.13.5 Encourage formation of a Transportation Management Association to



reduce traffic volumes on local roads and coordinate all ride share activities.

- Action QBP.13.5.1** Encourage QDC to require construction of sidewalks and bus shelters to facilitate use of transit options.
- Action QBP.13.5.2** Encourage development of shuttle service to connect a transit hub at the Gateway or within Quonset with QBP businesses as well as other attractions and destinations along Post Road and Wickford. Consider shuttle bus service operation at the former Pease AFB in New Hampshire as a model.
- Action QBP.13.5.3** Encourage shared use of parking and other transportation demand management strategies to reduce the need for excessive parking lots. This would help reduce the need to accommodate vehicles for workers at two shifts during shift change.

Objective QBP.13.6 Ensure roadways are maintained in a safe condition.

GOAL QBP.14 PROTECT THE COMMUNITY FROM THE IMPACTS OF TRANSPORTATION IMPROVEMENTS.

- Objective QBP.14.1** Work with State and Federal agencies to ensure the use appropriate landscaping materials to provide adequate buffers from transportation improvements.
- Objective QBP.14.2** Work with State and Federal agencies to ensure the use of noise barriers and vibration controls as mitigation measures.
- Objective QBP.14.3** Support the protection of neighboring communities from the impacts of transportation improvements related to the development of the QBP.
 - Action QBP.14.3.1** Require QDC to work with adjacent residents and neighborhoods to mitigate impacts of transportation improvements.

GOAL QBP.15 PROTECT THE NATURAL ASSETS AND CHARACTER OF NORTH KINGSTOWN FROM QBP DEVELOPMENT

- Objective QBP.15.1** Protect, preserve and where possible, restore the natural resources of North Kingstown.
 - Action QBP.15.1.1** Encourage commercial and industrial uses that respect the existing natural features of the Town and its environment.
 - Action QBP.15.1.2** Take appropriate steps to ensure air quality standards are met during development of QBP and at full build-out.
 - Action QBP.15.1.3** Protect designated environmentally sensitive property.
 - Action QBP.15.1.4** Protect view corridors.
 - Action QBP.15.1.5** Protect dark sky vistas, especially where reflected light on Narragansett Bay waters increases visibility from other shorelines around the bay.



Objective QBP.15.2 Protect groundwater, surface waters, and wetland features at QBP.

Action QBP.15.2.1 Support QDC wetland restoration efforts.

Objective QBP.15.3 Protect the historical and archaeological resources as QBP.

Action QBP.15.3.1 Support activities related to the preservation of the Allen Madison House.

Action QBP.15.3.2 Encourage the linkage between tourism and historic resources.

Action QBP.15.3.3 Protect historic and archaeological resources.

GOAL QP.16 PROTECT THE COASTAL FEATURES OF THE TOWN.

Objective QBP.16.1 Safeguard and improve the water quality of the harbors and coastal waters to ensure their continuing safe use by the public for boating, swimming and recreational and commercial fishing.

Objective QBP.16.2 Maintain existing water quality classifications of the waters surrounding QBP.

Action QBP.16.2.1 Consider reclassification of RIDEM water quality to accommodate uses which are consistent with CRMC water type and water dependent use and maintain existing high water quality.

Objective QBP.16.3 Enhance the facilities at Allen Harbor by implementing the Allen Harbor Calf Pasture Point Master Plan.

Action QBP.16.3.1 Continue to encourage further remediation of the water quality at Allen Harbor.

Action QBP.16.3.2 Ensure that waterfront uses do not have negative environmental impacts to the Allen Harbor-Calf Pasture Point area.

Action QBP.16.3.3 Work to acquire the western side of Allen Harbor consistent with the Base Reuse Plan.

Action QBP.16.3.4 Continue to budget implementation of Allen Harbor Calf Pasture Point Master Plan recommendations using the Capital Improvement Program.

Action QBP.16.3.5 Support habitat restoration efforts at Calf Pasture Point and other previously owned Navy sites.

GOAL QBP.17 WORK WITH THE RIDEM, USEPA, US ARMY CORPS OF ENGINEERS AND THE US NAVY ON THE REMEDIATION OF ENVIRONMENTAL CONTAMINATION AT QBP.

Objective QBP.17.1 Focus remediation efforts in sensitive areas where groundwater impacts could migrate off-site.

Action QBP.17.1.1 The Town shall continue to work with the Navy, US Army Corps of Engineers, and other federal and state agencies in site restoration of hazardous waste disposal sites through continued participation on the Quonset Restoration Advisory Board (RAB).



Objective QBP.17.2 Recognize that there are areas where remediation may be needed but which are not yet identified.

Objective QBP.17.3 Ensure remediation for areas such as NIKE sites where contamination maybe migrating off-site.

Objective QBP.17.4 Research remediation criteria for residential standards and the current level of remediation performed on specific areas identified for residential housing as a secondary use at West Davisville.

GOAL QBP.18 SUPPORT AND ENHANCE RECREATIONAL USE AT QBP.

Objective QBP.18.1 Promote recreational opportunities to the business community.

Objective QBP.18.2 Require public access to the shoreline of Narragansett Bay at QBP.

Action QBP.18.2.1 Work with QDC to maintain the CRMC public access plan and increase access as needed to compensate for future waterfront development.

Objective QBP.18.3 Support use of available QBP property for public recreational use.

Action QBP.18.3.1 Coordinate in the future with QDC regarding potential leases for recreational fields for organized sports.

Action QBP.18.3.2 Coordinate with QDC and RIDOT for bike path development.

Action QBP.18.3.3 Coordinate with QDC and the Navy regarding the transfer of the waterfront parcel at Allen Harbor.

Action QBP.18.3.4 Consider sustainable options to maintain the municipal golf course that minimize the use of potable water. Options may include the following: developing a new well in groundwater which is not suitable for drinking water (Class SB groundwater); beneficial reuse of reclaimed wastewater treatment plant effluent; or night watering to avoid daytime peak water demand hours and to minimize evaporation.

Objective QBP.18.4 Ensure that QBP activities do not negatively impact Town recreation facilities.

Action QBP.18.4.1 Cooperate with the QDC to maintain Town access to Allen Harbor, Calf Pasture Point, municipal golf course and any other publicly accessible recreation areas.

GOAL QBP.19 ENSURE THAT INFRASTRUCTURE TO SUPPORT DEVELOPMENT IS IN PLACE PRIOR TO CONSTRUCTION.

Objective QBP.19.1 Preserve opportunities for the use of the Quonset Business Park Wastewater Treatment Plant.

Action QBP.19.1.1 Investigate the merits of expansion of sewer services and alternative wastewater management systems that would permit increased density to support high-density residential developments and commercial development along Post Road.

Action QBP.19.1.2 Investigate formation of a North Kingstown Sewer Authority to work with QDC to administer infrastructure construction,

operation, and billing for expansion of the QDC wastewater facility service area to the targeted Post Road Growth Centers.

Action QBP.19.1.3 Designate commercial and industrial land where adequate infrastructure and services are available or are scheduled for improvement or provision.

GOAL QBP.20 WORK WITH QDC TO FACILITATE CONSTRUCTION OF RESIDENTIAL UNITS.

Objective QBP.20.1 Work with QDC to recognize the need to expand housing along Post Road and in West Davisville for Quonset Business Park employees projected at buildout (18,000 total employees).

Action QBP.20.1.1 Town staff to work with QDC staff to assess the potential to accommodate residential use along Post Road and West Davisville as an important part of business park development.

Action QBP.20.1.2 Support amendments to the *Quonset/Davisville Port and Commerce Park Master Plan* and *Quonset Business Park Development Package* to enable high quality mixed use, specifically including office, commercial and small scale retail use.

Objective QBP.20.2 Facilitate mixed use development at various locations as identified in this Plan.

Action QBP.20.2.1 Support opportunities for mixed use development at the Gateway.

Action QBP.20.2.2 Support opportunities for Transit Oriented Development at West Davisville.

Action QBP.20.2.3 Support opportunities for mixed use at Allen Harbor waterfront.

Objective QBP.20.3 Collaborate with QDC to investigate high-density residential and mixed use development at West Davisville.

Action QBP.20.3.1 Consider requiring all residential development at West Davisville have minimum components of workforce and affordable housing.

Action QBP.20.3.2 Consider mixed use to assure a vibrant community which encourages walkability, provides a range of neighborhood goods and services, encourages shared use of parking or other strategies to reduce parking requirements, and may include structured parking to reduce permeable surfaces. Work with RIDOT, RIPTA and QDC to assure transit service (commuter rail, bus or shuttle bus to Gateway and other QBP destinations). Emphasize the importance of good design and public open space to assure development is an asset to the community.

Action QBP.20.3.3 Consider a range of housing prices, rental and ownership options, diversity of residential density, and mixed use in accordance with transit oriented development.



- Action QBP.20.3.4** Consider high density residential and mixed use as a buffer between intensively used industrial parcels and adjacent single family and multifamily neighborhoods.

XI. 5 – Year Implementation Program

XI. 5 – Year Implementation Program

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
LU	LAND USE ELEMENT						
LU.1.2.1	Continue a thorough analysis of each village to determine its unique characteristics and qualities, as well as its historic, natural and cultural resources and create specific area plans for each village center to encourage ongoing preservation and to ensure compatible land use and economic development through maintenance or creation of buffers, or other means of land use separation, where appropriate.					Planning	Database of census and land use information Urban design analysis Zoning analysis Survey
LU.1.2.2	Consider locations to apply the Village District Ordinance such as the targeted Growth Centers.					Planning	Review village center and TND options
LU.1.2.3	Continue to ensure that street furniture, lighting, utilities and signage in villages are compatible with the unique character of each village.					Planning	Create Design Guidelines to apply to each locus
LU.1.2.4	Continue to encourage the RIDOT to install pedestrian-actuated controls at signalized intersections to improve pedestrian safety.					Planning Town Council	Monitor RIDOT projects for opportunities
LU.1.2.5	Continue implementing the Wickford Village Plan, and consider the transferable qualities that other village centers could incorporate.					Planning Historic District	Establish milestones and monitor progress
LU.1.3.1	Wherever possible, continue to encourage the use of cluster development to maintain the historic village character, maximize the use of available infrastructure, conserve open space, protect natural resources, and increase the efficiency of public transit service and other alternative modes of transportation.					Planning	Apply zoning tools to specific areas
LU.1.3.2	Continue to encourage the use of Planned Unit Developments (PUD) that result in high quality mixed use projects and create site designs that contribute to overall village character and achieve the various objectives of infrastructure efficiency, use of alternative transportation modes, and open space preservation.					Planning	Improve PUD to match TND and Growth Center objectives
LU.1.3.3	Continue to encourage design of new neighborhoods at a scale that supports walking and encourages biking.					Planning	Establish TND and Growth Center standards
LU.1.3.4	Encourage the interconnection of neighborhoods by requiring adequate pedestrian and vehicular access to nearby subdivisions and between commercial centers and					Planning	Include standards in subdivision regulations and Growth Center zoning

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	other facilities such as schools and parks.						
LU. 1.3.5	Continue to encourage development of diverse neighborhoods with a variety of housing types that serve varied socio-economic levels and age groups as appropriate.					Planning	Implement the Housing Plan
LU. 1.3.6	Continue to utilize cluster techniques, PUDs, conservation easements and/or preferential tax assessment tools to preserve natural resources, unique landscapes, open space, historic structures and archaeological sites.					Planning Town Council	Implement through entitlement process
LU.1.3.7	Modify legal agreements to enable public access to trails within private dedicated open space in residential developments which is contiguous with trail networks in adjacent publicly- owned natural open space to form a continuous and publicly-accessible greenspace network.					Planning Town Council	Complete legal research on deeds and laws for application
LU.1.3.8	Create additional historic districts to protect the existing housing stock and the character of significant areas.					Planning Historic District	Prepare nominations for public review
LU.1.3.9	Prior to cessation of earth removal activities in the Slocum area, examine the appropriate future land use for the area.					Planning	Prepare future land use study
LU.1.3.10	Further develop the impact assessment methodology that evaluates the potential impact that new development can have on nearby properties.					Planning	Research current impact assessment methodologies
LU. 1.4.1	Continue to consider ordinances that encourage private retention of open space for agricultural and forestry purposes.					Planning	Prepare ordinance for public review
LU.1.4.2	Consider a Transfer of Development Rights (TDR) ordinance that could be applied: - In groundwater protection zones, for transferring development rights from receiving areas closer to the wellhead to receiving areas outside the most sensitive recharge areas to protect water quality; - In agricultural areas, using TDR to preserve farm land; and - For Village Center, Growth Center, and TOD projects, using TDR to allow an increase in density at the project location, without an increase in the Town's total buildout.					Planning Water Department Town Council Groundwater Committee	Prepare ordinance for public review
LU. 1.4.3	Prepare design standards for all commercial, industrial and business uses.					Planning	Form committee with businesses Develop draft standards Present draft for public review
LU. 1.4.4	Continue to develop design guidelines and performance					Planning	Form committee with businesses

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	standards that promote high quality mixed-use development in commercial areas.						Develop draft standards Present draft for public review
LU. 1.4.5	Consider adoption of Low Impact Design standards to improve long-term sustainability.					Planning	Research options for LID Prepare ordinance for public review
LU. 1.4.6	Consider the adoption of environmental and energy efficiency standards, such as the Leadership in Energy and Environmental Design (LEED) program.					Planning	Research other community's sustainability standards Prepare draft for review and comment Prepare ordinance for public review
LU. 1.6.1	Establish new mixed use centers considering the following: - Targeted Growth Centers on Post Road; - Implementation of the Village Center zoning; - TOD at Wickford Junction.					Planning	Develop more specific plans and regulations Prepare draft for review and comment Prepare ordinance for public review
LU. 1.6.2	Continue to work with the QDC on redevelopment opportunities.					Planning	Continue to meet regularly and develop protocols for communications
LU. 1.6.3	Develop an Airport Overlay Zone around the Quonset State Airport: - To preserve the airport as a local and regional resource, - For the landing and taking off of aircraft, - To be utilized in the interest of the public, - To protect against noise impact and land use conflicts with surrounding properties.					Planning	Prepare ordinance for public review
LU. 1.6.4	Coordinate the development of any multi-family or townhouse units with the Rhode Island Airport Corporation for consistency with the Airport Overlay Zoning in the Airport Overlay Zone.					Planning	Contact RIAC
LU. 1.6.5	Continue to ensure that economic development is environmentally compatible through zoning performance standards and a site selection and land development review process based on environmental criteria and compatibility with nearby land uses.					Planning	Form committee with businesses and developers Develop draft standards Present draft for public review
LU. 1.6.6	In village centers, continue to integrate commercial uses with existing development and cause minimal impact on nearby uses.					Planning	Form committee with businesses and developers Develop draft standards Present draft for public review
LU. 1.6.7	Designate and design open space in commercial and industrial areas so that it is functional, aesthetically pleasing, and provides recreation for workers and patrons alike.					Planning	Prepare design guidelines for open space
LU. 1.6.8	Continue to promote land use patterns that encourage the use of rail and other means of mass transportation as a					Planning	Continue contact with RIDOT and Statewide Planning

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	means to ease roadway congestion, and promote energy efficiency/conservation.						Develop growth centers and TOD plans
LU. 1.6.9	Establish an Extraction Zoning District and rezone all duly licensed sand and gravel sites to this designation.					Planning Town Council	Prepare ordinance for public review
LU. 1.6.10	Enact new regulations regarding earth removal and the siting, design, and reclamation of borrow sites that protects natural resources, nearby uses, and groundwater and provides for the restoration of forest resources.					Planning Conservation Groundwater Committee	Prepare ordinance for public review
LU. 1.6.11	Continue to enforce requirements for reclamation plans and strengthen regulations where necessary for all gravel extraction operations.					Planning Town Engineer Building Conservation	Coordinate enforcement activities
LU. 1.7.1	Prepare a design manual for all town buildings that promotes design of civic buildings that: • Reflects the character of North Kingstown; • Becomes the focal point in village centers and traditional neighborhoods; • Encourages community involvement in government; • Encourages efficient use of buildings; • Provides a forum for public participation; and • Ensures energy efficient and sustainable building practices.					Planning	Prepare draft for public review
LU. 1.8.1	Develop a Viewshed Protection Ordinance, and apply the ordinance to coastal, agricultural and historic areas.					Planning Town Council	Prepare ordinance for public review
LU. 1.8.2	Implement a Scenic Corridor Overlay Zone and clearly define standards to: • Protect the scenic assets of state and local byways and highways; • Where permitted, strive for commercial development along scenic corridors that is compatible with surrounding uses.					Planning Town Council	Prepare ordinance for public review
LU. 1.8.3	Use height regulations and site guidelines to protect scenic vistas or consider implementation of performance based zoning to ensure that scenic corridors are maintained.					Planning Town Council	Use this table to mark progress
LU. 1.8.4	Amend zoning to require an undisturbed buffer along all properties abutting state highways designated as urban freeways/expressways to retain scenic qualities.					Planning Town Council	Use this table to mark progress
LU. 1.9.1	Develop a trash and litter clean-up program that provides for participation from volunteers and businesses.					Planning Public Works	Form a committee with business owners and volunteers to develop

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
							program
LU. 1.9.2	Use an 'adopt-a-road' to organize and publicize the clean-up program.					Planning Public Works	Form a committee with business owners and volunteers to develop program
LU. 2.1.1	Create a Farm Advisory Board to direct and oversee the agricultural preservation program.					Town Council	Prepare ordinance for public review
LU. 2.1.2	Designate specific parcels for agricultural preservation and designate agricultural lands for preservation in order of priority.					Planning	Form committee with farm owners Prepare list for review
LU. 2.1.3	Continue to preserve high priority agricultural land by purchasing land in fee simple or by purchasing development rights.					Planning Town Council	Form committee with farm owners Prepare list for review
LU. 2.1.4	Continue to obtain support from local, state and federal programs that can be used to assist in funding acquisition or preservation of agricultural land.					Planning	Maintain contact with agencies providing support
LU. 2.1.5	Participate in review of state property tax programs to determine options to preserve agricultural land.					Planning Town Council	Maintain contact with Grow Smart RI for further tax reform efforts
LU. 2.1.6	Use the real estate transfer tax to fund the purchase of development rights on agricultural land.					Planning Town Council	Maintain contact with Grow Smart RI for further tax reform efforts
LU. 2.1.7	Continue to support local farm products to help ensure the viability of farming; • Help promote markets for local farm products; • Support alternative farm and forest products such as specialty woods, recreation, and specialty foods.					Planning Town Council	Obtain support and resources from State agencies
LU.2.1.8	Consider the adoption of agricultural zoning.					Planning Town Council	Form committee with farm owners Prepare draft for review
LU.2.1.9	Continue to encourage the use of the State Farm, Forest and Open Space tax program.					Planning Town Council	Use this table to mark progress
LU. 3.1.1	Continue developing waterfront zoning that accommodates marine dependent and related uses while protecting the water quality of Narragansett Bay.					Planning Town Council	Prepare ordinance for public review
LU. 3.1.2	Continue to implement the recommendations of the Harbor Management Plan.					Planning Town Council	Maintain funding and programs
LU. 3.2.1	Continue to develop Calf Pasture Point consistent with the Allen Harbor-Calf Pasture Point Master Plan.					Planning Town Council	Maintain funding and programs
LU. 3.2.2	Continue working with the RIDEM on the management of the John H. Chafee Nature Preserve.					Planning Conservation	Maintain funding and programs
LU. 3.2.3	Continue to secure opportunities for public access to the coast in established areas.					Planning Town Council	Add design criteria to regulations for consistent application

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
LU. 3.2.4	Continue to encourage public access to fresh and saltwater bodies in all new developments.					Planning Zoning Board	Add design criteria to regulations for consistent application
LU. 3.3.1	Continue to implement the Phase II Stormwater Runoff program.					Planning Public Works Town Council	Maintain funding and programs
LU. 4.1.1	Continue to publish an annual report and approval process for growth management strategies.					Planning	Maintain current reporting
LU. 4.2.1	Determine the limit of the Town's growth based upon but not limited to the following standards: • The amount of land which should be left undeveloped to preserve the Town's character and quality of life; • The amount of land necessary to support future Town facilities; • The natural carrying capacity of the land to accommodate development, taking into consideration soil suitability, drainage conditions, wetlands, flood hazard, steep slopes, coastal features and other environmentally sensitive features; • The population that can be served by the Town's groundwater resources; and • Consideration for the Urban Service Boundary promoted by Statewide Planning.					Planning	Research carrying capacity models and analyze with at least two different methodologies
LU. 4.2.2	Consider the development of an Adequate Public Facilities Ordinance that: • Establishes minimum levels of service that must be available for proposed; development prior to issuance of building permits; • Conditions development upon the availability of adequate public facilities; • Considers the potential for high density development within the Urban Service Boundary promoted by Statewide Planning • Considers the limitations of development outside of the Urban Services Boundary.					Planning Town Council	Develop separate standards for water, sewer, transportation, and emergency services
LU. 4.3.1	Continue to review and revise permitted residential densities so that they do not exceed the natural carrying capacity of the land.					Planning	Using carrying capacity models, prepare land use maps for review
LU. 4.3.2	Continue to eliminate wetland areas when calculating					Planning	Use this table to mark progress

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	permitted density on development sites.					Town Council	
LU. 4.3.3	Continue to apply overlay districts (unsuitable soil, wetlands, high water table, flood zones, steep slopes, and sensitive coastal features) uniformly throughout the Town in all zoning districts.					Planning	Use this table to mark progress
LU. 4.3.4	Continue to ensure that mitigation measures and compatible land uses are implemented on former waste disposal sites.					Planning	Use this table to mark progress
LU. 4.3.5	Consider the use of nutrient loading standards to protect public groundwater supplies.					Planning Groundwater Committee	Research options adopted by other communities
LU. 4.3.6	Amend zoning for groundwater overlay protection district to limit the number of bedrooms per acre and not the number of units per acre. This could facilitate a diversity of housing types and encourage construction of smaller housing units and multifamily housing.					Planning Water Department Town Council	Prepare amendment for public review
LU. 4.4.1	Implement the adopted Capital Improvement Ordinance.					Planning Town Council	Establish schedule for yearly action
LU. 4.5.1	Adopt a Development Impact Analysis Ordinance that requires developers to submit an impact analysis for large-scale projects.					Planning Town Council	Prepare ordinance for public review
LU. 4.5.2	Explore regulations that trigger a local-level EIS for large-scale development.					Planning	Research options adopted by other communities
LU.4.6.1	Continue to develop and use the Design Review Guidelines that incorporate architecturally compatible, ecologically sensitive, aesthetically pleasing and defensible criteria.					Planning	Prepare draft guidelines for public review
LU.4.7.1	Continue to develop the Town's Geographic Information System (GIS).						Obtain mapping information from all sources and add to GIS
LU.4.7.2	Change Planning Districts to coincide with Census Tracts.					Planning Town Council	Use this table to mark progress
LU.4.7.3	Continue to identify, document, and map forests, wetlands, ground and surface waters, wildlife habitats, agricultural land, greenbelts and other significant natural resources and open spaces to create a greenspace map.					Planning Conservation	Obtain mapping information from all sources and add to GIS
LU.4.7.4	Continue to update mapping of wetlands as information becomes available.					Planning	Obtain mapping information from all sources and add to GIS
LU.4.7.5	Continue to conduct a Priority Land Acquisition Assessment Project.					Planning	Prepare a survey to identify types of land and parcels
LU.4.9.1	Maintain ongoing coordination and communication with nearby communities, with particular attention to shared natural resources and transportation systems opportunities.					Planning	Maintain contacts with neighboring communities Use regional agency to host meetings
LU.4.9.2	To the extent consistent with Town goals, continue to coordinate elements of the Town's Comprehensive Plan with					Planning	Maintain contacts with neighboring communities

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	corresponding elements of neighboring towns.						Use regional agency to host meetings
LU.4.9.3	To the extent consistent with Town goals, continue to coordinate roadway development with the land use plans of neighboring communities.					Planning	Maintain contacts with neighboring communities and RIDOT
LU.4.9.4	Support regional planning activities of the Washington County Regional Planning Council to address areas of mutual concern with other communities.					Planning	Use regional agency to host meetings with communities
LU.4.10.1	Amend the Zoning Map so that it is consistent with all recommendations of the Land Use Element.					Planning Town Council	Use this table to mark progress
LU.4.10.2	Revise the Zoning Ordinance and Subdivision Regulations to incorporate specific performance standards identified in the Comprehensive Plan.					Planning	Use this table to mark progress
LU.4.10.3	Continue to identify completed and emerging goals, objectives and actions in order to regularly update the Comprehensive Plan.					Planning	Use this table to mark progress
LU.5.1.1	Establish a Davisville Neighborhood Committee that can represent the neighborhood to the greater community of North Kingstown, as well as with the Quonset Development Corporation.					Town Council Planning	Create, organize and staff committee
LU.5.1.2	Execute a Memorandum of Agreement (MOA) among the original (founding) partners and the Davisville Neighborhood Committee to implement the Davisville Neighborhood Revitalization Five-Year Plan.					Planning	Draft MOA
LU.5.1.3	Designate a neighborhood representative to the Town's multi-year CDBG Advisory Committee to include representation in the review of grants sought by the Town, Revitalization Plan 'partner' groups, and other organizations for projects that affect the neighborhood.					Town Council Planning	Nominate representative
LU.5.1.4	Recommend nomination of a Davisville Neighborhood resident for appointment by the Governor to the Quonset Development Corporation.					Town Manager Town Council	Nominate representative
LU.5.1.5	Ensure that the Police and Fire are properly staffed, equipped, and maintained to respond whenever necessary.					Town Manager Planning Police and Fire Dept.s	Define program requirements Establish funding
LU.5.1.6	Improve linkages between Davisville Neighborhood and areas south of Quonset Business Park, encouraging pedestrian and bicycle access.					Planning	Implement Wickford-Quonset Bike Path project Establish funding
LU.5.1.7	Improve the physical condition of Davisville Elementary School in order to provide children, faculty and staff with a learning environment equal to other elementary schools in North Kingstown.					School Town Council	Conduct study Establish funding Proceed on restoration

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
LU.5.1.8	Restore Sawmill Pond as a neighborhood outdoor recreation/open space area.					Planning Recreation Town Council	Secure funding Proceed on restoration
LU.5.1.9	Complete and maintain facilities at Yorktown Park.					Planning Recreation Town Council	Secure funding Proceed on restoration

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
C	CIRCULATION ELEMENT						
C.1.1.1	Work with RIDOT to ensure that its proposed projects are consistent with the goals and objectives of the Comprehensive Plan Update.					Planning	Review RIDOT plans for consistency with Comprehensive Plan Update
C.1.1.2	Determine the effects of State road projects on the Town's secondary roadway system.					Public Works Town Engineer	Complete town-wide traffic study
C.1.1.3	Develop Town policy to require measures that must be followed in order to minimize the impact of development activities on the secondary roadway system.					Planning Town Engineer Town Council	Prepare traffic impact analysis standards
C.1.1.4	Work with RIDOT to oversee construction at cloverleaf merge and crossover lanes of Routes 1, 4, and 138 – Jamestown Connector.					Public Works Town Engineer Police	Meet and coordinate with RIDOT design and construction administration
C.1.1.5	Work with RIDOT to improve overall signage along the South County Corridor emphasizing safety, public information, alternative routes, alternative transportation linkages and corridor changes.					Planning Public Works Town Engineer	Set regional wayfinding and signage standards, acknowledging efforts for RI Scenic Roadway designation
C.1.1.6	Routinely review federal, state and local highway construction projects to ensure compliance with environmental permitting, stormwater management plans, and approval processes.					Public Works Town Engineer Conservation	Compile database of state and federal applications and establish monitoring protocol
C.1.3.1	Continue to use transportation system management (TSM) techniques (e.g., access control, traffic signal synchronization, signage coordination, variable message signs) to better, and more fully utilize existing transportation facilities.					Public Works Town Engineer	
C.1.3.2	Coordinate land use and transportation activities in future development, particularly with regard to the development practices and standards that are in place or necessary to prepare for the capacity and functioning of arterial highways within the Town.					Planning Town Engineer Town Council	Coordinate project reviews
C.1.3.3	Create a Village Circulation Improvement Zone and Village Growth Center along Post Road corridor within which a variety of pedestrian, parking and vehicular improvement strategies can be implemented in an effort to minimize automobile trips within the village center and maintain the human scale of the village. The following are some of the proposed strategies:					Planning Town Council	Include as part of creation of Design Guidelines and regulations for the Growth Centers, including Wickford Village

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	- Provide on-street parking to buffer pedestrians from through-traffic; - Provide sidewalks for pedestrian and roadway shoulders for bicycle travel; - Provide bicycle storage facilities; - Provide pedestrian amenities including shade, places to sit and rest, drinking fountains, public restrooms where appropriate; - Provide a mix of land uses within easy walking distance from traditional neighborhoods; - Provide pedestrian and bicycle connections to nearby residential areas from commercial areas; - Provide transit stops, including shelters, if ridership warrants; and - Institute measures to slow down through traffic to maintain village character and protect public safety.						
C.1.3.4	Promote the expanded use of freight rail to conserve energy, reduce roadway congestion, and minimize damage to roads and bridges caused by heavy traffic.					Planning Town Council	Support freight rail initiatives by Statewide planning, RIDOT and QDC through Freight Rail Program and Seaview Railroad upgrade
C.1.3.5	Identify and designate appropriate truck routes away from residential areas.					Planning Town Engineer Town Council	Include as part of town-wide traffic study
C.1.3.6	Continue to maintain access and directional signage to regional commercial and industrial centers to reduce through traffic on local roads.					Planning Town Engineer Town Council	
C.1.3.7	Identify existing paper streets and assess their potential as pedestrian walkways, roads, and bicycle paths.					Planning Town Engineer	Research land records to obtain list of locations
C.1.3.8	Amend Town of North Kingstown Land Development Regulations to require a continuous street grid for subdivision roadway construction (avoid cul de sacs); and require pedestrian connections between abutting subdivisions.					Planning Town Council	Prepare draft regulation Present for public review
C.1.4.1	Reduce roadway widths in Land Development Regulations to slow the speed of on-street traffic.					Planning Town Council	Use information from Low Impact Development research
C.1.4.2	Identify crossroads where the roadway width should be reduced with neck-downs to increase pedestrian safety.					Planning	Complete a traffic calming improvement survey
C.1.5.1	Identify the circulation needs of marine dependent uses.					Planning Harbor Management	Survey local marine dependent uses for needs
C.1.5.2	Improve the facilities that provide access to marine					Planning	Survey local marine dependent

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	dependent uses, such as parking lots and dredged channels.					Harbor Management	uses for needs
C.1.8.1	Continue to identify unsafe and congested areas for future improvement					Planning Town Engineer	Use GIS for record-keeping
C.1.8.2	Establish site-specific means to improve safety and adequate movement in conformance with applicable roadway corridor design standards such as: • Intersection redesign; • Segment redesign; • Signalization; • Round-about design; • Cloverleaf design; • Sidewalk construction and stormwater management; • Bicycle lanes; • Reduced/combined curb cuts through access management.					Planning Town Engineer	Complete a traffic calming improvement survey Include as part of Design Guidelines
C.1.8.3	Work with RIDOT to improve safety at high accident locations.					Town Engineer Planning	Coordinate with RIDOT
C.1.8.4	Consider roundabouts for all intersections proposed for traffic signals.					Town Engineer Planning	Require that land development applicants consider roundabouts for traffic control
C.1.8.5	As part of the Tree Inventory Management Plan, continue to work with National Grid in conducting regular tree-trimming to maintain clear roadways, especially along evacuation routes and roads that offer a single point of access to coastal or flood prone neighborhoods.					Planning Public Works	Submit latest evacuation plan to National Grid
C.1.9.1	Routinely update an inventory of road conditions and necessary maintenance programs.					Public Works Town Engineer Planning	Develop inventory procedures and include information in GIS database
C.1.9.2	Develop and implement a cyclical Bridge Management Program to regularly repair and maintain the Town's bridges.					Public Works Town Engineer Planning	Develop inventory procedures and include information in GIS database
C.1.9.3	Continue to implement a cyclical Pavement Management Program to regularly repair and maintain the Town's roadways.					Public Works Town Engineer Planning	Develop inventory procedures and include information in GIS database
C.1.9.4	Develop and implement a public rights-of-way marking and access maintenance program.					Public Works Town Engineer Planning	Develop inventory procedures and include information in GIS database
C.1.9.5	Continue to incorporate necessary roadway improvements into the Town's Capital Improvement Program.					Public Works Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
						Town Council	
C.1.9.6	Continue to improve drainage on existing roadways, especially in older neighborhoods and areas of public water supply.					Public Works Town Engineer Planning	Incorporate LID regulations into proposed or upgraded Soil and Erosion Control Regulation
C.1.9.7	Require that improved stormwater systems meet current state and federal regulations when upgrading or reconstructing roads.					Public Works Town Engineer Planning	Incorporate LID regulations into proposed or upgraded Soil and Erosion Control Regulation
C.1.10.1	Work with the RIDOT in placing signs at significant egress points to aid residents and visitors in the event of an evacuation. Place placards on emergency shelters identifying them as such.					Public Works Town Engineer	Use standard wayfinding and emergency signage
C.1.10.2	Request that Verizon publish North Kingstown evacuation maps, including emergency shelter locations, in the Community Section of the local phone book.					Planning	Prepare a map in accordance with graphics standards of Verizon
C.1.10.3	Work with neighboring towns to ensure emergency evacuation plans are coordinated and compatible.					Planning	Distribute plan to towns
C.1.10.4	Distribute information on town evacuation routes and shelter locations to hotels, bed and breakfasts, and facilities hosting tourists and out of town visitors.					Planning	Distribute plan to businesses
C.1.10.5	Work with hotels, bed and breakfasts, and any other facilities hosting tourists and out-of-town visitors to distribute information on Town evacuation routes and shelter locations.					Planning	Prepare an "ICE pack" - In Case of Emergency pack, that includes information for visitors
C.1.11.1	Implement the Post Road Corridor Plan's recommendations including intersection geometric improvements, streetscape improvements; traffic signal modifications; pedestrian and bike facility (off-road path or on-road route) accommodations; and traffic calming and safety measures.					Planning Public Works Town Engineer	Prioritize and submit plans for TIP funding
C.2.1.1	Coordinate the Town's transportation and land use policies (for example, concentrating development) so as to make the expanded use of alternative transportation modes more practical and cost effective.					Planning Public Works Town Council	Include as part of Growth Centers and TOD designation
C.2.1.2	Require linkage of neighborhoods to adjacent destinations and neighborhoods through roadway connections, pedestrian walkways and bicycle paths.					Planning	Prepare draft ordinance to include standards in development reviews
C.2.1.3	Amend Town of North Kingstown Land Development Regulations to require construction of adequate sidewalks and bike facilities within proposed developments with extensions to logical destinations or crossroads.					Planning Town Council	Prepare draft regulations Present for public review
C.2.1.4	Enable easy access from residential areas to commercial and employment areas through the use of alternate modes of transportation (e.g., shuttle bus, vanpool, pedestrian					Planning	Develop standards as part of the Design Guidelines

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	walkways, and bicycle paths)						
C.2.1.5	Designate Growth Centers in areas with multi-modal transportation options.					Planning	Include as part of Growth Centers and TOD designation
C.2.1.6	Implement affordable housing projects in areas served by public transportation and other alternatives to private vehicles.					Planning	Include in Affordable Housing Plan
C.2.2.1	Identify areas of Town where multi-modal transportation hubs can provide a range of alternative transportation options for residents and visitors.					Planning	Include information in GIS database
C.2.2.2	Develop transit centers in West Davisville and Wickford Junction. Provide pedestrian and bike path connections from adjacent neighborhoods, as appropriate.					Planning Wickford Plan Committee	Include multimodal transportation connections in public/private transit center development
C.2.2.3	Develop additional alternative modes of transit in Wickford that would minimize need for additional parking areas. Consider remote parking and trolley service to events in Wickford such as the Wickford Art Festival.					Planning Wickford Plan Committee	Coordinate with RIPTA and RIDOT for remote parking opportunities
C.2.2.4	Coordinate with Quonset Development Corporation to facilitate a multi-modal transportation hub at the Quonset Business Park, incorporating air travel, ferry, RIPTA and bicycle options.					Planning	Participate in QDC, RIAC, RIPTA, and RIDOT taskforce for transit hub
C.2.3.1	Develop a parking strategy for the Town that will provide sufficient short-term parking. Strategies could include remote employee parking and enforced time limits for on-street parking.					Town Manager Public Works Planning	Conduct parking study, including multimodal approach
C.2.3.2	Link the Town's parking strategy to alternative forms of transit (e.g., reduce parking requirements for locations served by RIPTA bus or ridesharing).					Planning	Prepare draft regulations Present for public review
C.2.3.3	Facilitate shared-use of privately owned parking to better utilize existing paved lots, reduce the amount of impervious surfaces, reduce construction costs, and improve site appearance.					Planning	Prepare draft regulations Present for public review
C.2.3.4	Install bike racks at Village centers to encourage access by bicycle.					Planning Public Works	Include in Capital Improvement Program
C.2.4.1	Encourage the Quonset Development Corporation and the Chamber of Commerce to implement transit options such as Transportation Management Associations within the Quonset Business Park.					Planning	Participate in QDC and Chamber of Commerce task force
C.2.4.2	Reduce the parking requirements for firms/businesses that implement Transportation Management Associations.					Planning Town Council	Prepared draft regulations Present for public review
C.2.6.1	Encourage RIDOT to extend MBTA commuter rail system					Planning	Submit letter to RIDOT Director

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	south of Wickford Junction to reduce affects associated with being considered the 'end of the line'.					Town Council	
C.2.6.2	Encourage RIDOT to consider a commuter rail stop at West Davisville to provide convenient access to the Quonset Business Park.					Planning Town Council	Submit application for TIP funding
C.2.6.3	Encourage RIDOT to initiate weekend and late evening MBTA service.					Planning Town Council	Draft resolution for Town Council approval Submit letter to RIDOT director
C.2.6.4	Encourage RIDOT/MBTA, Rhode Island Public Transit Authority (RIPTA) and ferry operators to coordinate service.					Planning Town Council	Draft resolution for Town Council approval Submit letter to RIPTA general manager
C.2.7.1	Work with RIPTA, other service providers and developers to encourage use of alternative modes of transportation.					Planning Town Council	Solicit RIPTA, QDC, input in drafting amendments to local land development regulations
C.2.7.2	Consider a Town-wide alternative transportation demonstration project.					Planning Town Council	Conduct Town-wide traffic study
C.2.7.3	Encourage RIDOT to create adequate long term parking as appropriate at mass transit stops to facilitate and encourage the use of mass transit.					Planning Town Council	Submit letter to RIDOT director
C.2.7.4	Encourage school classes to design signage for carpool parking spaces through a design competition (to foster awareness of trip reduction among future drivers.					Planning School Committee	Work with school classes to encourage alternative transportation
C.2.7.5	Work with RIPTA, MBTA, island ferry operators, and the Washington County Regional Planning Council to coordinate service to local destinations, T.F. Green Airport, ferry terminals, train stations, and Providence.					Planning Town Council	Participate in regional transportation task forces
C.2.8.1	Support the development of bicycle paths in existing rights-of-way (e.g., roadways, paper streets, abandoned railroad rights-of-way and utility easements).					Planning Town Council	Require that the Town participate with RIDOT on proposed bike paths
C.2.8.2	Implement <i>Wickford to Quonset Bike Path Study</i> recommendations as approved by Town Council in January 2005 - Off-road "shared use path" on east side of Post Road right of way between Camp Avenue and Hope Dale Drive; - Signed "share the road" on Post Road between Newcomb and Camp Avenue, Hope Dale Drive, West Main Street, Brown Street and Boston Neck Road; - Off-road "shared use path" south of Hope Dale Drive to					Planning Town Council	Require that RIDOT include a "shared use path" as part of Post Road reconstruction Initiate funding requests for off-road "shared use path" south of Hope Dale Drive to Wilson Park Post "share the road" signage

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	Wilson Park.						
C.2.8.3	Require bike racks at all municipal, commercial and recreational destinations.					Planning Town Council	Prepare draft regulations Present for public review
C.2.8.4	Connect schools, residential areas, recreation areas and commercial areas via bikeways and walkways.					Planning Town Council	Initiate bike path studies
C.2.8.5	Link the pedestrian trails and bikeways with other transportation modes.					Planning Town Council	Prioritize interconnections as part of Town-wide traffic study
C.2.8.6	Implement the <i>Post Road Corridor Plan</i> recommendations; particularly, incorporate shared-use paths in existing rights-of-way.					Planning Public Works Town Council	Include in Post Road reconstruction plans
C.2.8.7	Sign Philips Street and Ten Rod Road for "share the road" bike route as approved by Town Council, January 2005.					Public Works	Post signage
C.2.8.8	Publish maps (or post on the Town website) of off-road "shared use paths" and roadways suitable for on-road "share the road" bike use.					Planning	Develop mapping and post on website
C.2.8.9	Develop an on-road "share the road" bike network and post with Town signage. Encourage school classes to design signage through a competition to foster cycling safety and exercise benefits. On-road signs should be simple, straightforward and in a uniform format.					Planning School Committee	Develop program with schools for signage design competition
C.3.2.1	Provide Town input and recommendations to Rhode Island Statewide Planning Program and the Rhode Island of Transportation to ensure that all roads in North Kingstown are properly classified based upon the criteria of the Highway Functional Classification System.					Planning Public Works	Provide routine input
C.3.2.2	Continue to require private roads be built to Town construction standards and maintained.					Planning Engineering	
C.3.2.3	Continue to enforce development standards for roadway improvement to existing paper streets.					Planning Engineering	
C.3.3.1	Identify and designate a series of roadway corridor types based on aesthetic, visual, environmental and land use characteristics.					Planning	Include as part of Town-wide transportation study
C.3.3.2	Formulate, adopt and enforce roadway corridor design standards that protect the environmental quality of all roadway corridors (e.g., drainage control, lighting, utilities, road width, landscape buffers and signage) and establish and reinforce the character and values of each roadway corridor type.					Planning Town Council	Conduct study to determine roadway corridor design standards
C.3.3.3	Adopt and implement a Scenic Corridor Overlay Zone.					Planning Town Council	Prepare draft regulations Present for public review
C.3.3.4	Continue to ensure that all State proposals for road projects					Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	in North Kingstown are in conformance with the Town's roadway corridor standards, and promote the environmental, cultural and aesthetic objectives of those standards.					Public Works Engineering	
C.3.3.5	Work with the State to designate Route 1A as a scenic highway. Post signage to direct tourists and visitors to scenic roads. Provide scenic designations on maps provided at the Chamber of Commerce.					Planning Public Works	Submit RI Scenic Roadways application to the Scenic Roadways Board
C.3.3.6	Support the designation of Route 1 (Tower Hill Road), and Route 4 (Colonel Rodman Highway Corridor) as scenic roadways.					Planning Town Council	Draft regulations to require considerations of view from the road in corridor development Present for public review
C.3.3.7	Designate town-owned right of way at prominent intersections for landscaping by volunteer organization or local businesses as part of an "adopt a spot" program.					Town Council	Develop and implement program

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On going		
ED	ECONOMIC DEVELOPMENT ELEMENT						
ED.1.1.1	Continue to allow economic development that is compatible with the land use plan and enhances the character of the Town's villages.					Planning Economic Development	Implement land use regulations
ED.1.1.2	Continue to allow the development of environmentally responsible marine-related industries in appropriate locations.					Town Council Planning Harbor Management	Implement land use regulations
ED.1.1.3	Continue to encourage the revitalization of existing industrial and commercial locations in an environmentally sustainable manner that is compatible with adjacent land uses.					Town Council Planning	Implement land use regulations
ED.1.2.1	Continue to make efforts to retain farms and agricultural uses.					Town Council Planning	Work with local farmers and state bureaus
ED.1.2.2	Continue to allow the expansion and development of agriculture, silviculture, aquaculture and other resource-based business uses.					Town Council Planning	Work with local farmers and state bureaus
ED.1.2.3	Support state and U.S. Dept. of Agriculture programs that promote local produce and bolster farm business.					Town Council Planning	Research USDA programs
ED.1.3.1	Continue to work closely with the QDC on the redevelopment planning and implementation.					Planning	
ED.2.1.1	Establish and regularly update a computerized inventory of commercial and industrial sites located within the Town.					Planning Tax Assessor GIS	Include coverage in Town GIS
ED.2.1.2	Identify commercial and industrial land where adequate infrastructure and services are available or are scheduled for improvement or provision.					Planning	Use Town GIS and Statewide USB
ED.2.1.3	Continue to retain and enhance commercial and industrial uses that do not exceed the carrying capacity of the land and respect the existing natural features and environment of the Town.					Town Council Planning	Implement land use regulations
ED.2.2.1	Revise Town Zoning Regulations and Site Plan Review Standards to include business park standards.					Town Council Planning	Prepare regulations and present for public review
ED.2.2.2	Identify other appropriate amendments to the regulations that encourage high-quality projects.					Planning	Develop in conjunction with Design Guidelines
ED.2.3.1	Utilize the Urban Services Boundary to control the location and timing of commercial development.					Town Council Planning	Use Town GIS and Statewide USB
ED.2.3.2	Carefully consider plans for extensions to and new					Town Council	Complete sewer study

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On going		
	construction of water and sewer utilities in potential Growth Centers.					Planning	
ED.2.4.1	Continue to ensure strict protection measures for development in groundwater protection zones and other sensitive natural areas.					Planning Conservation Groundwater Committee	Implement land use regulations
ED.2.4.2	Continue to encourage business and industry to conserve natural resources and to participate in pre-cycling and recycle programs.					Planning Conservation	
ED.2.4.3	Continue to encourage business and industry to apply the best available technology and best management practices to minimize harmful emissions and waste byproducts.					Planning Conservation	
ED.2.4.4	Encourage and support the relocation of inappropriately sited businesses in environmentally sensitive areas with the assistance of the Economic Development Corporation.					Planning Economic Development	Use GIS to create an opportunity map
ED.2.4.5	Encourage businesses to co-locate with other businesses whose processes, input and waste streams are related and supported by the other.					Planning Economic Development	Research examples of eco-industrial parks
ED.2.5.1	Consider ways to support local businesses in the creation of a car pool and/or bus service supported by private funds.					Planning Economic Development	Contact RIDOT
ED.5.1.1	Implement the Allen Harbor plan and support compatible, marine-related businesses within the Quonset Business Park.					Town Council Planning Harbor Management	Prepare funding and ordinance revisions for review
ED.5.2.1	Continue to encourage waterfront related development that will not degrade the environmental and scenic qualities of the waterfront.					Planning	Implement land use regulations
ED.6.1.1	Continue the close working relationship with South County Tourism Council and other regional tourism organizations as well as South County communities for the advancement of tourism.					Planning	
ED.6.1.2	Continue to encourage waterfront related development that will enhance tourism without degrading the environmental and scenic quality of the waterfront.					Planning	See ED.6.1.1
ED.6.1.3	Continue to allow forms of tourism that are beneficial to the community, as well as respect and complement the Town's environmental, scenic and historic resources.					Planning	
ED.6.1.4	Continue to identify and evaluate existing tourist resources including, but not limited to, natural resources, cultural resources, open space, and recreation facilities.					Planning	See ED.6.1.1
ED.6.1.5	Develop a tourism package that promotes the Town's tourist resources.					Planning	Research tourism programs in other communities
ED.6.1.6	Continue to designate and sign scenic and historic sites					Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On going		
	within the Town.					Historic	
ED.6.1.7	Continue to construct and install visitor information kiosks and other tourism support facilities within the Town.					Planning Public Works	
ED.6.1.8	Continue to promote agri-, eco- and heritage-based tourism.					Planning	
ED.6.1.9	Support short-term, public events, such as fairs and sporting events that support local business.					Planning	Provide a clearing house and calendar for events
ED.7.1.1	Prepare an Economic Development Plan with specific actions for Town departments.					Town Council Town Manager Planning Economic Development	Organize meetings of offices through the Town Manager
ED.7.1.2	Prepare a new business-marketing brochure for the Town.					Economic Development Planning	
ED.7.1.3	Establish an economic revitalization/ development fund.					Town Council	Set targets for funding
ED.7.1.4	Develop a target industry list that includes agriculture, tourism, and marine-related industries.					Planning	Determine needs of industries
ED.7.1.5	Establish a business expansion and retention program to assist local businesses, particularly small businesses and farms.					Economic Development Planning	Research activities in other communities
ED.7.1.6	Continue to use incentives to encourage commercial and industrial revitalization in appropriate sites.					Planning	
ED.7.1.7	Continue to maintain a local business outreach program.					Economic Development Planning	See ED.7.1.9
ED.7.1.8	Develop educational programs that are responsive to the needs of area employers through the North Kingstown High School, and the Southern Rhode Island Collaborative					Planning School Committee	Survey local businesses for employment needs
ED.7.1.9	Maintain a close working relationship with the North Kingstown Chamber of Commerce and other business associations.					Planning	Present Comp Plan Update elements for review and comment
ED.7.1.10	Maintain an active role in statewide and regional economic development programs.					Planning Economic Development	See ED.7.1.11
ED.7.1.11	Continue to lobby the State in the development of state laws and regulations that positively affect the economic climate of the Town.					Town Council Planning Economic Development	
ED.7.1.12	Maintain a demographic and economic fact book about the Town for outside requests.					Planning	Use Town GIS as database platform

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo – 2yrs	2yrs – 5yrs	On- going		
H	HOUSING ELEMENT						
H.1.1.1	Continue to analyze and identify the demographic characteristics of the Town's population.					Planning	Use annual reporting to record progress
H.1.1.2	Continue to maintain a database on housing needs including the following: • Include the number of affordable housing units in the Planning Board's Budget Performance Review; • Develop an inventory of affordable housing units that includes nursing home beds, accessory apartments, Section 8 vouchers, and mobile homes park units; • Include data on rental housing and multi-family units; • Monitor the affordable housing need by type – elderly, family, and individuals with special needs.					Planning	Use Town GIS as database platform
H.1.2.1	Continue to encourage the development of Elderly Congregate Housing, including continuum of care facilities.					Planning	
H.1.2.2	Investigate local incentives to encourage both private and public sector building owners to rehabilitate existing units for the elderly.					Planning	Research examples from other communities Complete Inclusionary Housing Study
H.1.2.3	Continue to implement a local property tax relief program for the elderly.					Town Council	
H.1.4.1	Encourage the development of a Disabled Congregate Housing Program.					Planning	Research examples from other communities
H.1.4.2	Support programs that encourage independent living for the mentally and physically disabled.					Planning	Research examples from other communities
H.1.4.3	Support public education programs for the Town's disabled population.					Planning	Research examples from other communities
H.1.5.1	Continue monitoring the need for permanent supportive housing in North Kingstown.					Planning	Use Town GIS as database platform
H.1.5.2	Continue working with non-profit organizations, the Welfare, religious organizations, and other agencies to provide permanent supportive housing.					Planning	
H.1.6.1	Continue to coordinate with the State to allow alternatives to conventional ISDS.					Planning	
H.1.6.2	Continue to coordinate with the QDC to extend sewer service from the Quonset Business Park to nearby, specified, commercial and residential properties, especially					Town Council Planning Public Works	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	along Post Road.					Water Department	
H.1.6.3	Investigate the utilization of community/small wastewater systems.					Public Works Planning Water Department	Seek assistance of Statewide Planning
H.1.7.1	Continue to conduct public discussions and working meetings that address local housing needs.					Planning	
H.1.7.2	Continue to meet periodically with local financial institutions to discuss means of reducing housing costs particularly for first-time homebuyers and closing costs.					Planning	
H.1.7.3	Continue discussions among local employers, financial institutions, religious organizations, developers, key property owners, non-profit organizations and the Town regarding means of working together to address the affordable housing needs of local residents and employees.					Planning	
H.1.8.1	Review models of other such housing corporations and authorities within the state and develop a local model.					Planning	Utilize resources of RI Housing
H.1.8.2	Research funding opportunities for these entities and create a budget model for operation and development.					Planning	Utilize resources of RI Housing
H.1.9.1	Work with RIDEDEC and QDC or its tenants to coordinate growth of new businesses with the addition of new housing that meets the needs and incomes of the jobs created.					Planning	
H.1.10.1	Empower the Town Manager to convene regular meetings of local officials to monitor progress and develop strategies for affordable housing.					Town Manager	
H.1.10.2	Use the task force to project future affordable housing units.					Town Manager	
H.1.10.3	Ask the task force to participate in the annual review of the Affordable Housing Plan.					Town Manager	
H.2.1.1	Specify in the Zoning Ordinance and other land use regulations the intent to protect and create additional affordable housing.					Planning	Draft ordinance and present to public
H.2.1.2	Continue allowing comprehensively planned mixed-use developments that include a range of housing choices through: Conservation subdivision projects; special use permits; and the use of PUD districts.					Planning	
H.2.1.3	Continue to allow density bonus provisions: - To maximize housing mix and bedroom intensive projects when developing affordable housing; - For a guarantee of including within a project units affordable for a minimum of 30 years; - For cluster development and open space preservation					Planning	Identify examples for application

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo – 2yrs	2yrs - 5yrs	On- going		
	with affordable housing; - To provide affordable starter homes; and - For housing development or redevelopment that is affordable for a minimum of 30 years.						
H.2.1.4	Consider the development of new or converted two-family structures by special use in all residential districts outside the Groundwater Protection Districts, if lots meet minimum size criteria without development constraints.					Planning Groundwater Committee Water Department	Draft ordinance and discuss
H.2.1.5	Consider allowing two- and three-family units on lots that meet size criteria in residential developments, or on frontage lots, as a means to allow home ownership, while deriving income from the units.					Planning	Draft ordinance and discuss
H.2.1.6	Continue to allow accessory family apartments by special use permit, providing the lot and dwelling unit meet certain size criteria as defined by the zoning ordinances.					Planning	
H.2.1.7	Allow accessory units in commercial and residential zoning districts using development standards to ensure protection of the environment and adequate open space.					Town Council Planning	Draft ordinance Present to public
H.2.1.8	Adopt inclusionary zoning that applies to all development: - Require 10 percent affordable housing in all projects, or; - Require a contribution to the Affordable Housing Trust Fund in an amount equal with the price of providing the units on-site, or; - Require the 10 percent to be constructed on another site that is equivalent in function and amenity as if the affordable units had been constructed on-site. - On sites outside groundwater protection districts and the Narrow River SAMP, allow density bonuses of 25 percent in exchange for 25percent affordable units. - Require all affordable units, for sale and rental, remain affordable for a minimum of 30 years.					Planning Groundwater Committee	Complete Inclusionary Housing Study and implement
H.2.1.9	Require a minimum of 20 percent affordable housing in the targeted Village/Growth Centers along Post Road, supported with well-designed density increases and infrastructure support.					Town Council Planning	Include as part of Post Road Growth Center implementation
H.2.1.10	Adopt a Transfer of Development Rights regulation, with density bonuses or other provisions to include affordable units that allow transfer from Groundwater Protection zones to specific areas with existing infrastructure such as Post					Town Council Planning Water Department	Draft ordinance Present to public

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	Road.						
H.2.1.11	Add provisions to the zoning regulations that facilitate infill development and redevelopment of existing buildings, particularly when those projects build affordable housing units.					Town Council Planning	Draft ordinance Present to public
H.2.2.1	Continue to participate in federal and state rental housing assistance programs.					Planning	
H.2.3.1	Pursue funding resources for capital improvements and delivery of community facilities and services to support affordable housing development throughout the Town.					Planning	Research options and develop work plan
H.2.3.2	Facilitate the use of reduced rate mortgage programs provided to first-time homebuyers from Rhode Island Housing through the sale of housing development revenue bonds.					Planning	Contact RIH for program requirements
H.2.3.3	Continue to investigate development practices that would require developers to designate one or more lots in new subdivisions for median-priced homes.					Planning	
H.2.3.4	Consider the sale of Town-owned land as appropriate for affordable housing.					Town Council Planning	Prepare list of land and prioritize for reuse Present to public review
H.2.3.5	Continue to examine all potential property acquisitions by the Town in terms of their potential, in full or in part, to be developed for affordable housing.					Town Council Planning	
H.2.3.6	Where public incentives are provided for affordable housing units, continue to require long-term (30 year) affordability of the units.					Town Council Planning	Include requirement in development regulations
H.2.3.7	Continue to consider the creation of a non-profit housing foundation to oversee the needs and development of affordable housing that will: - Acquire land, houses, barns or other structures, through gift or purchase, which can be rehabilitated into affordable housing; - Identify a source for information where renters and prospective homeowners can receive information on housing availability, new housing development, and can review the various housing assistance programs that are available such as rehabilitation assistance, rental housing assistance, cooperatives, and tenant associations; - Identify a source for information where property					Town Council Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	owners and developers can receive information on local policies relative to affordable housing development and the availability of federal, state, local, and non-profit assistance in affordable housing development, including grants, loans, mortgage guarantees, and public/private partnerships; and Establish an affordable housing land trust through the housing foundation to acquire and hold land (through such mechanisms as purchase, gifting, easement, and dedication) to develop affordable housing in scale and character with the community.						
H.2.3.8	Continue to consider providing incentives to create affordable housing.					Planning	
H.2.4.1	Continue to support the efforts of non-profit housing organizations to acquire, develop and/or rehabilitate low and moderate-income housing.					Planning	
H.2.4.2	Continue to specify that projects receiving public incentives must be owned and managed by a recognized non-profit housing organization that meets Town requirements for maintenance of housing affordability.					Planning	
H.2.4.3	Continue to consider contribution of one or more town-owned land parcels for the development of affordable housing by a recognized non-profit housing organization.					Planning Town Council	
H.2.4.4	Continue to meet with representatives of non-profit groups and organizations within North Kingstown to ascertain whether their property could be made available, in full or in part, for affordable housing development through donation, long-term lease, or bargain sale.					Planning	
H.2.4.5	Work with non-profits to capture infill and expansion opportunities, where community water and sewer systems are available.					Planning	Prepare list of non-profits and prepare a Request For Proposals
H.2.5.1	Continue to facilitate and encourage acquisition, development and/or rehabilitation of housing units available to the Town's low-income households through public/private partnership projects.					Town Council Planning	
H.2.5.2	Continue to coordinate with public/private partnerships to develop a demonstration project of an affordable village housing cluster design that is affordable without compromising quality, design and construction.					Planning	
H.2.5.3	Partner with non-profits.					Planning	Complete action as part of H.2.4.5

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo - 2yrs	2yrs - 5yrs	On-going		
H.2.6.1	Whenever possible, continue to require that affordable units be administered in a manner that gives preference to local residents.					Planning	Contact RIH to determine legal requirements
H.2.7.1	Continue to encourage actions that protect affordable units from conversion to market rate units through strategies such as affordable housing trusts and non-profit ownership options.					Town Council Planning	Maintain inventory of units
H.2.7.2	Establish an entity and procedure to exercise rights-of-first-purchase under the Affordable Housing Preservation Act of 1988 to recapture subsidized units threatened with loss due to prepayment of subsidized mortgages.					Town Council Planning	Organize for an Affordable Housing Trust, or non-profit
H.2.7.3	Establish a funding mechanism or reserve account to accomplish the right-of-first-purchase when loss of subsidized units is threatened due to prepayment of subsidized mortgages.					Town Council Planning	Organize for an Affordable Housing Trust, or non-profit
H.2.7.4	Target funds and/or other resources to serve as incentives to maintain housing that will remain affordable for a minimum of 30 years.					Town Council Planning	Organize for an Affordable Housing Trust, or non-profit
H.2.8.1	Continue to allow and encourage development and/or redevelopment of compatible small-scale affordable housing structures within existing neighborhood contexts.					Planning	
H.2.8.2	Continue to require that mixed market rate and affordable rate housing projects adhere to established development standards and site plan review criteria to maintain town character.					Planning	
H.2.9.1	Use pooled monies from federal, state, and local programs to leverage or build affordable housing units.					Town Council Planning	Organize for an Affordable Housing Trust, or non-profit
H.2.9.2	Use the Affordable Housing Trust Fund for purchase and conversion of existing units that are or will be dedicated as affordable.					Town Council Planning	Organize for an Affordable Housing Trust, or non-profit
H.2.10.1	Monitor and report on the progress and accomplishments of the action items.					Planning	
H.2.10.2	Monitor and track the number of new affordable housing units.					Planning	
H.2.10.3	Monitor and track the current stock of affordable units.					Planning	
H.4.4.1	Encourage establishment of a volunteer program to assist in home improvement projects for substandard housing units.					Planning	Seek non-profits and CDC's for assistance
H.4.4.2	Identify a source of information and training to educate town residents and property owners on appropriate techniques for residential property maintenance, rehabilitation, historic preservation, and energy and water conservation.					Town Manager Planning	Organize in-house meeting among departments

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6 mo	6mo - 2yrs	2yrs - 5yrs	On- going		
H.4.4.3	Provide financial incentives to owners of historic property to encourage preservation and restoration of historic houses.					Planning Historic	Research actions in other communities
H.4.5.1	Staff the Building Department as needed for monitoring and enforcement.					Town Manager Building Town Council	Complete a staffing and personnel report

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	COMMUNITY SERVICES AND FACILITIES ELEMENT						
CS.1.1.1	Continue to maintain consistent interaction among municipal staff.					Town Manager	
CS.1.1.2	Explore all opportunities for centralization of municipal functions where appropriate and cost effective.					Town Manager	Research comparable towns Create standards for review
CS.1.1.3	Install automated systems to manage costs, complaints, maintenance schedules, parts inventory, and billing.					Town Manger Purchasing	Research systems and retrofits
CS.1.2.1	Study potential intergovernmental agreements and other techniques for delivery of services.					Town Manager	Use ICMA resources
CS.1.5.1	Maintain Town website as an up-to-date resource for residents.					Town Manager Information Technology	Survey residents on use of website
CS.1.6.1	Investigate the feasibility of using alternative fuels to heat and provide energy to town buildings.					Town Manager Public Works	Research alternative fuel systems and retrofits
CS.1.6.2	Investigate the feasibility of 'behind the meter' wind turbine installation at a town building with suitable wind exposure.					Public Works	Conduct feasibility study
CS.1.6.3	Investigate the feasibility of multiple wind turbine installation for distribution of power to the electric grid.					Public Works Planning	Coordinate with Governor's Energy Office
CS.1.6.4	Review all new municipal construction and rehabilitation according to the LEED (Leadership in Energy and Environmental Design) Green Building Rating System.					Town Manager Planning School Public Works Building Official	Form committee to discuss level of sustainability Create design program requirements
CS.1.6.5	Educate the public on the importance of energy conservation and the potential use of alternative energy sources by using 'green' Town buildings as examples					Town Manager Public Works Planning School	
CS.1.7.1	Develop staffing standards for all Town departments.					Town Manager Town Council	Research comparable towns Create standards for review
CS.1.7.2	Establish employee training programs and personnel management programs that encourage improved delivery of services.					Town Manager Town Council	Research comparable towns Create standards for review
CS.2.1.1	Ensure compliance with GASB-34 requirements to inventory municipal assets and ensure the database remains current.					Town Manager Asset Management Planning	Use town GIS for modified approach
CS.2.1.2	Continue to replace equipment on an as-needed basis.					Town Manager Asset Management	
CS.2.1.3	Continue to ensure long-term asset protection and					Town Manager	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	improvement with the cooperation and involvement of the Asset Management Committee.					Asset Management	
CS.2.1.4	Continue to consider both innovative and traditional means to fund asset protection and capital investment, ensuring that the funding means is appropriate to the investment and as cost effective as possible.					Town Manager Asset Management	
CS.2.3.1	Base plans on five and ten-year reviews of population projections, demography, available technology, and resource protection in compliance with the Comprehensive Plan.					Town Manager Asset Management Planning	
CS.2.3.2	Ensure that projections of maintenance costs are clearly included when planning for new facilities.					Town Manager Asset Management Planning Town Council	
CS.4.2.1	Inventory all Town and School buildings, rooms, and facilities in the Town that could be used for meetings, functions, and recreational programs.					School Committee Planning Recreation	Include information in GIS database
CS.4.2.2	Establish a central database for scheduling the use of facilities.					Town Manager School Committee	Organize through departments and make available on-line
CS.4.3.1	Continue to implement an open and clearly defined application process for participation on town boards and committees.					Town Manager Town Council	
CS.4.5.1	Continue to use television and the Town website as convenient and readily available sources for municipal government information.					Town Manager Information Technology Department	
CS.4.5.2	Investigate and encourage the expansion of e-government to provide more in-depth municipal government information.					Town Manager Information Technology Department	Require town departments to submit data and studies for posting on website
CS.5.1.1	Ensure optimal operation of the transfer station facility to minimize noise, odor and windblown solid waste in local neighborhoods.					Public Works	Review operations and perform audit
CS.5.2.1	Routinely assess Pay As You Throw (PAYT) program to maximize recycling.					Public Works	
CS.5.5.1	Consider municipal or franchised curbside trash and recycling service.					Public Works Town Council	Complete feasibility and cost study
CS.6.1.1	Complete a wastewater facilities plan that includes a range of potential service options to meet the needs of current and projected population while protecting natural resources. Plan to include but not be limited to individual sewage disposal systems, innovative technology, package plants,					Public Works Town Council	Update the wastewater management plan

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	municipal decentralized treatment, municipal wastewater treatment facility construction and operation, and/or expansion of Quonset Development Corporation's wastewater treatment facility service area.						
CS.6.1.2	Form a municipal sewer authority to negotiate with the Quonset Development Corporation regarding sewer service extension to designated growth centers and other areas designated by Town Council. The municipal sewer authority would be responsible for the following: • Construction and operation of force and gravity mains, pump stations, and laterals; • Billing subscribers; • Monitoring non-sewered areas through the Wastewater Management District					Public Works Town Council	Implement the wastewater management plan
CS.6.1.3	Consider options to improve performance of existing privately owned and operated package plants to ensure adequate wastewater treatment and protection of groundwater. • Establish performance standards with routine testing and reporting to the sewer authority, wastewater management, or town engineer. • Consider municipal operation of package plants.					Planning Town Engineer Groundwater Committee	Implement the wastewater management plan
CS.6.1.4	Consider the creation and use of Tax Increment Financing (TIF) along the Post Road Corridor to aid in the extension of sewer service and infrastructure improvements.					Planning Town Council Public Works	
CS.6.1.5	Provide public education and outreach to schools, irrigation companies regarding sustainable water use.					Groundwater Committee School Committee	Prepare teacher's work plan for schools Prepare brochure for others
CS.6.2.1	Work with the QDC to ensure the QDC Wastewater Facility is inspected for its ability to withstand storm/weather events and retrofit as necessary.					Planning Town Engineer	Arrange inspection and reporting steps
CS.6.2.2	Consider shutting down the wastewater pumping facilities at Wickford Point and Mark Drive during a flood or severe storm event.					Town Engineer	Complete inspection and analysis
CS.6.2.3	Develop a plan for pumping wastewater into a temporary or portable container (off-line storage) in the event of a flood.					Town Engineer	Complete inspection and analysis
CS.6.2.4	Flood-proof the pumping facilities, with priority placed on the Wickford Point Facility.					Town Engineer	Prepare plans for upgrade

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
CS.7.1.1	Apply components of the State Water Supply System Management Planning Act to achieve effective and efficient conservation, development, utilization and protection of the water system's resources that satisfy the present and future needs of the Town.					Water Dept.	
CS.8.5.1	Routinely inspect and classify all dams (based on FEMA Regulations) to determine their vulnerability to failure, and repair as needed.					Town Engineer Planning	Determine location and condition and insert on GIS
CS.8.5.2	Develop a plan for remediation and information/resource-sharing to mitigate issues associated with privately owned dams.					Public Works Town Council	Determine location and ownership Update GIS mapping Coordinate with private owners
CS.8.6.1	Consider adaptive reuse of vacant and underutilized public and private buildings (including former schools, churches, and police barracks) for economic development, housing, or community facilities					Planning All departments with facilities	Inventory and report availability Prepare grant applications for funding
CS.9.1.1	Implement the recommendations of CDM's <i>Water System Evaluation</i> : enhance the water monitoring system, improve system management practices and conduct trial season disinfection program.					Water	Set priorities and schedule before proceeding. Seek state and federal funding.
CS.9.3.1	Implement the recommendations of the Water System Supply Management Plan.					Water Groundwater Committee	Set priorities and schedule before proceeding
CS.9.3.2	Rigorously implement development controls in compliance with the Land Use Element of the Comprehensive Plan wherever adequate water supply and pressure are not available.					Planning Water	Include water system evaluations in all project reviews
CS.9.3.3	Acquire new wells and storage facilities based on best available projections for future growth.					Water Groundwater Committee Planning Town Council	Continue water system evaluation and planning
CS.9.3.4	Work with the State to ensure that building codes provide for state-of-the-art water conservation.					Planning Building	Submit recommendation to State building code officials
CS.9.5.1	Rehabilitate or replace Juniper Hill tank, the oldest in the system (circa 1939) and one with the highest level of bacterial contamination.					Water Town Council	Continue with design and construction
CS.9.5.2	Comply with the Total Coliform Rule through system-wide disinfection or other recommendations presented in the November 20, 2003 <i>Technical Memorandum</i> prepared by C & E Engineering Partners, Inc. Consider the installation of disinfection systems in water storage tanks to protect from					Water Town Council	Complete feasibility and cost study

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	bacteria growth in the water.						
CS.9.5.3	Reduce age of water in the system through flushing or other methods to ensure adequate water quality if water is not treated with chlorine.					Water	
CS.9.5.4	Take reasonable steps to ensure water quality is not compromised by floodwater intrusion at town wells by implementing recommendations of the <i>Hazard Mitigation Plan</i> .					Water	
CS.9.5.5	Ensure Growth Center development does not exceed the capacity of the Low Service Area, an area, which routinely experiences seasonal shortfalls.					Planning Water	Prepare build out scenarios for testing
CS.10.1.1	Expand the Police Station to include locker rooms, storage space, and office space.					Police Town Council	Complete conceptual design study
CS.10.1.2	Continue a schedule of regular planned maintenance and investment in new equipment as needed, to ensure Homeland Security.					Emergency services agencies Town Council	
CS.10.1.3	Encourage the North Kingstown Police to discuss regional issues with adjoining town's police s.					Police Town Council	Provide resources to allow intra-town communications
CS.10.2.1	Consider consolidating emergency dispatch operations into a single entity with civilian staffing.					Town Manager Emergency services	Complete feasibility and cost study
CS.10.2.2	Consider extending water mains and installing fire hydrants in all new subdivisions to better serve the community and meet the National Fire Protection Association (NFPA) capacity recommendations.					Planning Water Fire	Prepare amendment to regulations Present for public review
CS.10.2.3	Consider installing automated suppression systems in all new developments, and those structures renovated over a certain percentage threshold of their value.					Planning Fire Building Official	Prepare amendment to regulations Present for public review
CS.10.2.4	Hire eight additional firefighters to address staffing/overtime issues, and a full-time training officer who will also be responsible for safety.					Fire Town Manager Town Council	Include in Capital Improvement Plan
CS.10.2.5	Acquire formal training/certification of the mechanics assigned to the repair/ maintenance of Fire/Rescue equipment.					Fire Town Manager	Include this training in department budget
CS.10.2.6	Develop regular planned maintenance and investment in new equipment as needed.					Fire Town Council	Include in capital maintenance budget
CS.10.2.7	Encourage the Fire Department to discuss regional issues with adjoining town's Fire Departments.					Fire Town Council	Provide resources to allow intra-town communications
CS.10.2.8	Construct new fire station in the Quonset Business Park.					Fire Town Council	Complete feasibility and cost study Make specific recommendation to QDC

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
CS.10.2.9	Establish procedure for approval by the Town Fire Marshal of names for Quonset Business Park roads to ensure Town departments know address locations for emergency response. This would also ensure consistent record keeping with the Town Assessor.					Fire Town Council	Make specific recommendation to QDC
CS.10.2.10	Regularly conduct fire analyses to ensure that the costs to provide service are commensurate with public health, safety and welfare.					Fire Town Manager Town Council	Set community standards Prioritize and schedule
CS.10.4.1	Provide an adequate budget, personnel, equipment and facilities for the Public Works to meet public safety needs.					Town Manager Town Council Public Works	Set community standards Prioritize and budget
CS.10.5.1	Work with the Rhode Island Chapter of the American Red Cross to designate additional shelters needed in town and/or on a regional basis to accommodate all residents in the event of a natural disaster.					Town Manager Police Fire	Coordinate with Red Cross
CS.10.5.2	Maintain existing emergency shelters based on standard requirements as determined by the American Red Cross.					Town Manager Police Fire	
CS.10.6.1	Work with RIEMA, Police and Fire Departments to ensure operational capability of the center is not impaired in the event of a natural disaster.					Town Manager Police Fire	Departments to determine needs and responsibilities
CS.10.6.2	Investigate the feasibility of a disaster emergency help line based out of the Town Emergency Operations Center that residents can call for information/help in preparing their homes for an approaching storm.					Town Manager Police Fire	Complete feasibility and cost study
CS.10.7.1	Provide a weekend-long training session to include discussion of liability issues, hazard mitigation techniques that homeowners can perform, a description of the town's procedures during and after an emergency and any other information deemed necessary.					Town Manager Police Fire	Include this volunteer training in department budgets
CS.10.7.2	Develop information brochures regarding vulnerabilities of natural hazards to homeowners, renters and contractors to include information on self-assessments, how to form emergency plans, techniques for long-term hazard mitigation and protection and town evacuation routes and shelters.					Planning Police Fire	Prepare text Obtain graphics assistance
CS.10.7.3	Ensure operational ability/resident awareness of the established Code RED Emergency Telephone Calling System.					Police Fire	Put notice in town mailing
CS.11.1.1	Routinely inventory and assess school facilities.					School Committee	Store information on GIS database

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
CS.11.1.2	Continue the septic system maintenance and pumping program.					School Committee	
CS.11.1.3	Inspect and assess all school facilities (including day care) and periodically review evacuation procedures for the Town's schools.					School Committee Police Fire	
CS.11.2.1	Develop a joint demographic database with Planning.					School Committee Planning	Compare databases and resolve differences Maintain in GIS
CS.11.2.2	Reorganize districts relative to growth patterns and projected need.					School Committee	
CS.11.2.3	Require applicants for major land development projects to analyze the impact of new residential development on the availability and cost of resources.					Planning	Prepare draft regulation Present for public review
CS.11.3.1	Implement the recommendations identified in the 'North Kingstown Schools Feasibility Study' completed by the Robinson, Green, Beretta Corporation, September 2003, and further evaluated and amended by the Town of North Kingstown's Asset Management Commission.					School Committee Asset Management Town Council	Complete plans and cost estimates for projects
CS.11.4.1	Develop educational programs that are responsive to the needs of area employees.					School Committee	Survey for continuing education needs
CS.11.4.2	Continue to encourage continuing education for teachers and other educational personnel.					School Committee	
CS.12.1.1	Continue to monitor and evaluate available public and private health services available for those in need.					Senior Services Town Manager	
CS.12.1.2	Continue to participate and cooperate on a regional basis in programs designed to deliver low cost health care, support services and other social services.					Senior Services Town Manager	
CS.12.1.3	Contribute funding to agencies that provide low cost health care, support services and other social services based on the services provided and the need demonstrated.					Senior Services Town Council	Review agencies based on local demographic needs
CS.12.1.4	Work to ensure that duplication of low cost health care and other social services does not occur.					Senior Services Town Council	Monitor new facility proposals
CS.12.3.1	Increase participation in local and regional programs that provide transportation assistance to area health and social services agencies.					Senior Services Town Council	
CS.12.3.2	Encourage location of health care and social service facilities on RIPTA bus lines.					Planning Economic Development	Consider in permitting review; promote as marketing effort for town
CS.13.1.1	Inventory and evaluate the effectiveness of existing Senior Services.					Senior Services	Survey participants
CS.13.1.2	Make improvements to Beechwood House to improve					Senior Services	Complete plans and cost

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	service.						estimates for projects
CS.13.1.3	Plan to provide additional space for programs and services to accommodate projected growth in the senior population of North Kingstown (55 years and older)					Senior Services	Complete an expansion study
CS.13.1.4	Survey interests and needs of citizens (55 and older) every 3-5 years.					Senior Services Planning	Conduct survey
CS.13.4.1	Provide guidance to seniors in conducting self-assessment of vulnerability of their residences to natural disasters.					Building Official	Prepare list of facilities Schedule with owners
CS.13.4.2	Maintain a list of senior residents living independently within the Town.					Police Fire	Use census information confirmed by town records
CS.13.4.3	Develop emergency evacuation plans for these buildings/facilities, with assistance from the Police.					Police Fire	Draft plans
CS.14.1.1	Continue to ensure that the library maintains a diverse, balanced and current collection.					Library	
CS.14.1.2	Provide assistance in using collections and services to all patrons, including those with special requirements for services.					Library	Survey customers and residents for needs
CS.14.1.3	Continue to ensure the library's special collections are accessible to the public while protecting them from harm.					Library	
CS.14.2.1	Continue to provide a variety of adult public programs and activities that promote the library as a cultural center and as a resource for life-long learning.					Library School Committee	
CS.14.2.2	Continue to offer programming for children that includes ongoing Story Time sessions for infants, toddlers, and preschoolers; a Summer Reading Program for preschool through middle school students, and a variety of other types of programs for all children, teens and their families including crafts, story tellers, musicians, and puppeteers.					Library School Committee	
CS.14.2.3	Continue to offer computer classes for all ages.					Library	
CS.14.3.1	Continue the aggressive, ongoing maintenance of the library facility and its systems.					Library	
CS.14.3.2	Develop and implement an asset protection schedule for capital improvement projects at the library.					Library	Include as part of capital maintenance budget
CS.14.4.1	Continue to provide access via the library home page to a variety of electronic resources available to patrons in the library and online.					Library IT	
CS.14.5.1	Continue to develop and implement short-range and long-range plans that reflect new and innovative ways of delivering library services.					Library IT Town Manager	
CS.15.1.1	Improve the Animal Control Facility on Hamilton-Allentown					Public Works	Complete plans and cost

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	Road.						estimates for project
CS.15.2.1	Prepare a detailed space needs study for Town facilities.					Town Manager	Ask for department inputs Issue RFP for space planner
CS.15.2.2	Conduct a Town Hall expansion study.					Town Manager	Complete plans and cost estimates for project
CS.15.2.3	Provide for the secure storage and protection of all vital town records.					Town Manager	Include as part of space planning
CS.16.1.1	Expand the Town's GIS data by adding coverages for buildings, pavement widths for roads, sidewalks, parking infrastructure (manholes, sewer lines, gas, electrical, phone, water, storm drains) as appropriate.					Planning IT Public Works	Collect data and initiate GIS mapping
CS.16.1.2	Explore the possibility of creating a GIS Department.					Town Manager IT Planning Town Council	Establish committee to assess costs, benefits
CS.17.1.1	Consider adopting a recovery and reconstruction ordinance that will expedite the rebuilding of the town and the recovery of town services after a storm or other natural hazard event.					Town Manager Planning Building Official Town Council	Prepare draft ordinance Present for public review
CS.17.2.1	Identify locations where debris can be collected, with different locations for potentially hazardous materials.					Planning Public Works	Use GIS database for initial site list Make inspections Complete list for review
CS.17.2.2	Actively seek multiple agreements with hazardous waste vendors to ensure a timely response at a reasonable price.					Town Manager	Issue RFP
CS.17.3.1	Organize a collective clean up strategy of properties after a disaster.					Town Manager Public Works	Set up committee with local waste vendors
CS.17.3.2	Create a list of businesses and people connected with those businesses authorized to enter the business immediately following a disaster to aid the Police in guarding properties after a disaster.					Police	Use Assessors records and contact local business groups
CS.17.4.1	Utilize FEMA's HASUZ-MH software to identify structures, infrastructure and critical facilities (including any future development) to estimate anticipated financial estimates based on damage to/loss of structures, their contents, or loss of function.					Town Manager	Determine department for project Obtain software and training
CS.17.4.2	Encourage mobile home park owners to provide information to their residents on how to protect their property during storm/weather events.					Town Manager	Provide the "ICE pack" – In Case of Emergency pack for distribution
CS.17.4.3	Assess vulnerability of Wickford Village housing to natural disasters and improve/retrofit as necessary. In addition, an					Town Manager Public Works	Perform risk and vulnerability study

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	evacuation plan should be developed for senior and disabled residents.					Wickford Plan Committee	
CS.17.4.4	Assess vulnerability of masonry apartment and mill buildings constructed prior to 1977 state building codes to natural disasters and improve/retrofit as necessary.					Building Official	Obtain list of buildings from Assessors Determine need for outside assistance
CS.17.4.5	Consider seeking funds to offer assistance to owners of properties with repetitive flood loss to be used to flood proof, elevate, or relocate these structures.					Planning Town Council	Complete legal research Compile list of funds
CS.17.4.7	Coordinate the Town's emergency planning with the Rhode Island Airport Corporation (RIAC) to ensure continued operation and reduce the cost of disaster clean up at Quonset State Airport.					Town Manager Public Works Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
	NATURAL AND CULTURAL RESOURCES ELEMENT						
NC.1.2.1	Consider adoption of a Low Impact Development program.					Planning Town Council	Draft regulations Present for public review
NC.1.2.2	Implement regulatory techniques that provide measures for soil erosion and sediment control.					Planning Town Council	Draft regulations Present for public review
NC.1.2.3	Investigate the establishment of a stormwater management authority.					Town Manager Public Works Town Council	Establish interdepartmental stormwater task force
NC.1.2.4	Adopt stormwater management regulations and maintenance practices in accordance with best management practices as recommended in the Phase II Stormwater Management Plan.					Town Council Planning Town Engineer	Draft regulations Present for public review
NC.1.2.5	Implement the Drainage Study for local and collector roads.					Public Works Town Engineer	Implement study recommendations
NC.1.2.6	Reduce runoff pollution to the Town's water supply through implementation of the Phase II stormwater management plan, a comprehensive non-point source study of existing systems, roadway drainage design, maintenance and covering of salt piles.					Public Works	Implement Phase II plan
NC.1.2.7	Develop an inventory of roadways and facilities in environmentally sensitive areas and reduce the use of salts or other de-icing chemicals in their maintenance.					DPW Planning	Utilize GIS to map roads through sensitive areas
NC.1.2.8	Locate road salt and de-icing chemicals in safe and environmentally sound locations and structures to prevent accidental pollution/contamination.					Public Works	Utilize GIS to map suitable sites for municipal storage of hazardous materials and chemicals
NC.1.2.9	Develop a drainage improvement program concurrently with the pavement management program for new and existing roads.					Town Engineer DPW Planning Groundwater Committee	Develop inventory procedures and include information in GIS database
NC.1.3.1	Continue to use land-planning techniques including cluster, PUD, PDR, TDR, conservation zoning (if approved), and easements to protect groundwater aquifers.					Planning	
NC.1.3.2	Continue to encourage land conservation in the groundwater protection areas through financial incentives and town tax and spending policies.					Town Council Groundwater Committee Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
NC.1.3.3	Continue to acquire land and development rights in groundwater protection areas.					Town Council Groundwater Committee	
NC.1.3.4	Continue to limit industrial development over groundwater aquifers to protect the Town's drinking water supplies.					Planning Groundwater Committee	
NC 1.3.5	Continue to require all new development within groundwater protection areas to conform to the Groundwater Protection Ordinance, and site plan and stormwater management design criteria for groundwater districts.					Town Council Planning	
NC.1.3.6	Require existing development in groundwater protection areas to comply with the Groundwater Recharge Ordinance and site plan and stormwater management design criteria for groundwater districts.					Town Council Planning	Draft regulations Present for public review
NC.1.3.7	Amend zoning to facilitate transfer of development rights from "sending" areas close to municipal wells (GW1 in the groundwater overlay protection district) to "receiving" areas further from the wells (GW2 and areas outside the groundwater protection zone) or from the groundwater protection overlay district (GW1 and GW2) to areas outside the overlay zone. (See Land Use)					Town Council Planning Water	Draft regulations Present for public review
NC.1.3.8	Offer a density bonus when transferring development from GW overlay districts to non-groundwater districts that lie outside self-sustaining lands and lands of critical concern as defined in the <i>Narrow River Special Area Management Plan</i> .					Town Council Planning	Draft regulations Present for public review
NC.1.3.9	Amend zoning for groundwater overlay protection district to limit the number of bedrooms per two acres and not the number of units per acre. This would facilitate diversity of housing type and encourage construction of smaller housing units including multifamily housing.					Town Council Planning Water	Draft regulations Present for public review
NC.1.3.10	Map the stormwater collection system over the Town's groundwater aquifers in accordance with the Phase II Stormwater Management Plan.					Planning Town Engineer Water	Develop inventory procedures and include information in GIS database
NC.1.3.11	Implement, evaluate and update the Wastewater Management District.					Planning Town Engineer Water	Draft regulations Present for public review
NC.1.3.12	Support a wastewater management program that is environmentally sound, is based on the best technology to protect the health of the people, protects our valuable surface and groundwater resources, and ensures the cleanliness of Narragansett Bay.					Planning Groundwater Committee	Prepare statement for adoption by Town Council

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
NC.1.3.13	Work to eliminate substandard wastewater treatment systems (cesspools and poorly functioning ISDS).					Building Official	
NC.1.3.14	Support use of DEM-approved innovative alternatives for replacement of failed conventional ISDS, especially within 200 feet of coastal and freshwater wetland resource areas.					Planning Town Engineer	Coordinate with RIDEM/CRMC Form wastewater management commission to facilitate ISDS upgrade
NC.1.3.15	Investigate ordinances requiring the use of denitrification systems in environmentally vulnerable areas.					Planning	Research other communities Draft regulations Present for public review
NC.1.3.16	Develop solutions for areas of the Town where present sewage disposal systems are inadequate and affect public health and water quality.					Planning Town Engineer Groundwater Committee	Conduct wastewater facilities plan update
NC.1.3.17	Continue to enforce the Wastewater Management Ordinance's regulation for mandatory inspection of individual wastewater treatment systems through a program which prioritizes inspections in the following four districts: properties dependent upon private wells; GW1 and poorly flushed coastal areas; GW2 and densely settled coastal areas; and the remainder of town.					Building Official Water	
NC.1.3.18	Decrease impervious surface and encourage the use of pervious surface wherever environmentally sound to encourage the percolation of groundwater and reduce runoff and flooding potential, especially in groundwater recharge areas.					Planning Groundwater Committee	Implement Low Impact Design recommendations Plan review
NC.1.3.19	Recognize that individual sewage disposal systems help maintain the hydrological balance in critical groundwater recharge areas by limiting the transport of water out of the recharge zone.					Planning Groundwater Committee	Prepare statement for adoption by Town Council
NC.1.3.20	Work to identify, remove, mitigate and/or isolate hazardous waste dumpsites.					Planning Health Groundwater Committee	Coordinate with RIDEM Office of Waste Management
NC.1.3.21	Enforce regulations relative to fossil fuel motorboats on freshwater ponds that contribute to the Town's drinking water supply.					Harbor Management Commission Police Department	Enforce regulations
NC.1.4.1	Encourage use of native species and low water consumption plant materials for landscaping.					Planning	Implement Low Impact Design recommendations Plan review
NC.1.4.2	Reduce stormwater runoff and watering demand by encouraging construction of rain gardens and other landscapes, which facilitate groundwater infiltration while using drainage from impervious surfaces such as roofs.					Planning Groundwater Committee	Implement Low Impact Design recommendations Plan review
NC.1.4.3	Establish a surcharge on peak summer water usage					Water	Draft regulations

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
	(May to October) over 150 percent of average winter water use (November to April) to limit water use (step-rate with increasing water cost based on usage). Surcharge to fund position to enforce water use limitations.					Town Council	Present for public review
NC.1.4.4	Limit permitted times for landscape irrigation and watering landscaping (other than with hand held hoses) to 7 PM to 7 AM, odd/even watering dates for property served by both private wells and municipal water service.					Water Town Council	Draft regulations Present for public review
NC.1.4.5	Enforce watering and landscape irrigation regulations for nonagricultural use.					Water Police Department Town Council	Enforcement
NC.1.4.6	Require a permit for installation of underground irrigation systems to require backflow devices and to provide guidelines concerning water-efficient landscaping and efficient operation of automatic systems.					Water Town Council	Draft regulations Present for public review
NC.1.4.7	Implement demand management techniques recommended in the <i>Water Supply System Management Plan</i> .					Water Town Council	Implement plan recommendations
NC.1.4.8	Promote the installation of cisterns to collect rainwater for non-potable uses such as landscape watering and car washing.					Planning	Implement Low Impact Design recommendations Plan review
NC.1.5.1	Consider supporting a watershed council					Water Town Council	
NC.1.5.2	Educate the public about preventing water contamination, especially activities such as dumping yard waste and other pollutants.					Water	
NC.1.6.1	Strengthen the Town's protection and recognize the importance of the Narrow (Pettaquamscutt) River, Hunt River, Annaquatucket River, Saugatucket River and Chipuxet River Watersheds.					Planning	Draft regulations Present for public review
NC.1.6.2	Continue to support the implementation of the Narrow River Special Area Management Plan.					Planning	
NC.1.6.3	Implement the recommendations of the Harbor Management Plan.					Planning Harbor Management	Implement plan recommendations
NC.1.6.4	Protect all CRMC Type I waters through land development and land uses. Require that CRMC assents for land adjacent to Type I conservation waters specifying landscaping with native species and low maintenance fertilizing and watering requirements be maintained in perpetuity.					Planning Harbor Management	Establish GIS database with CRMC assents to facilitate long term monitoring of landscape practices
NC.1.6.5	Consider a River Protection Overlay Zone to protect the					Planning	Draft regulations

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
	quality of the Narrow River, Hunt River, Annaquatucket River, Saugatucket River and Chipuxet River.						Present for public review
NC.1.6.6	Develop a program to upgrade all public roads to minimize runoff pollution.					Town Engineer Planning	Implement as part of Town-side traffic study
NC.1.6.7	Utilize low maintenance, low fertilizer grasses and plantings in all public facilities to minimize non-point source pollution and maintenance costs.					Town Council Town Manager Planning	Implement Low Impact Design recommendations
NC.1.6.8	Develop a plan to protect the Town's river corridors, surface waters, wetlands, freshwater and saltwater features by establishing undisturbed setbacks.					Planning	Strengthen and /or develop Soil and Erosion Control Ordinance
NC.1.6.9	Continue to support programs such as Watershed Watch that provide a coordinated system of Town, State, federal and volunteer resources and personnel to test and monitor the quality of ground and surface waters.					Planning	
NC.1.6.10	Test water quality in all ponds and key rivers on a regular basis.					Town Council Water	Contact URI to determine options for support
NC.1.6.11	Continue to encourage developers to reduce lawn sizes and educate landowners on proper use of pesticides and fertilizers.					Planning	Plan review
NC.1.6.12	Develop regulations to protect the Town's river corridors, surface waters, wetlands, freshwater and saltwater features by establishing undisturbed setbacks.					Planning	Draft regulations Present for public review
NC.1.6.13	Educate landowners on proper use of pesticides and fertilizers to reduce nutrient loading and algal blooms on ponds, particularly around ponds used for recreation.					Planning Town Council	Coordinate with RIDEM/URI Cooperative Extension Develop brochure
NC.1.6.14	Restore the ecological state of Saw Mill Pond through the continued assessment/ evaluation of alternatives and support the implementation plan of the Sawmill Pond Project.					Planning	Implement plan
NC.1.7.1	Work with the CRMC to research the possibility and necessity of beach renourishment and establishment of new beaches to prevent erosion and protect coastal properties in locations including Wickford Harbor, Quonset Point, and the Town Beach.					Planning Harbor Management	Form Harbor Management Commission subcommittee to coordinate with CRMC
NC.1.8.1	Consider the implementation of the strategies outlined in the Wickford Harbor Watershed Assessment final report.					Planning Groundwater Harbor Management	Implement plan
NC.1.8.2	Establish best management practices for shoreline protection (erosion control).					Planning Conservation Harbor Management	Strengthen and /or develop Soil and Erosion Control Ordinance
NC.1.8.3	Develop a volunteer coastal monitoring program.					Planning Conservation	Coordinate with CRMC Design public outreach efforts

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
						Harbor Management	
NC.1.8.4	Upgrade coastal ISDS systems with anti-flotation measures and emergency shut-off features in the long-term protection of Narragansett Bay during storm/weather events.					Planning	Coordinate with RIDEM/CRMC Draft Regulations Present for public review
NC.1.8.5	Prepare a Storm Preparedness Plan to mitigate the damage that storm-carried debris can cause.					Planning	Draft plan Present for public review
NC.1.8.6	Analyze the feasibility and impact of replacing or enlarging the breakwater at the entrance to Wickford Harbor.					Planning Harbor Management	Coordinate with CRMC Conduct feasibility study
NC.1.8.7	Support annual coastal cleanup volunteer efforts.					Planning	Coordinate with RIDEM/CRMC Design public outreach efforts
NC.1.8.8	Support Governor's initiative to protect the quality of Narragansett Bay.					Planning Town Council	Draft resolution for Town Council approval
NC.1.9.1	Develop a Wetland Protection Overlay District and, where appropriate, require stricter standards than State and Federal agencies.					Planning	Draft regulations Present for public review
NC.1.9.2	Establish buffer zone requirements for resource protection, including wetland buffer zones, increased individual sewage disposal system (ISDS) setbacks, and advanced treatment systems.					Planning	Draft regulations Present for public review
NC.1.9.3	Implement regulatory techniques that provide measures for soil erosion and sediment control.					Planning	Strengthen and /or develop Soil and Erosion Control Ordinance
NC.1.9.4	Support Belleville Pond Dam reconstruction to ensure that wetland resource areas are maintained.					Planning Public Works	Advance reconstruction through the Capital Improvement Plan
NC.1.9.5	Continue to protect wetlands through various means such as protected open space, setback requirements, easements, and direct purchase.					Planning	
NC.1.9.6	Continue to incorporate homeowner education into wetland protection strategies.					Planning	
NC.1.10.1	Continue to create and manage Town forests on open space land, where appropriate.					Planning	
NC.1.10.2	Evaluate the potential use of Town Forests for nursery stock.					Planning Conservation Commission	Conduct study
NC.1.10.3	Require, as appropriate, underground utilities when roads are reconstructed or when redevelopment occurs.					Planning	Consider as part of Town-wide traffic study
NC.1.10.4	Encourage the planting of new street trees and the preservation of existing trees in new residential developments.					Planning	Plan review
NC.1.10.5	Broaden the role of the Farm Advisory Board to address forest resource issues and strategies.					Planning	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
NC.1.10.6	Utilize a cooperative approach between state and local government and private organizations to identify, protect and maintain valuable and ecologically sensitive forestland from development.					Planning Conservation	
NC.1.10.7	Utilize available means, including innovative zoning techniques, to conserve the Town's remaining forestland from development.					Planning Conservation	
NC.1.10.8	Continue to promote the tax provision of the Farm, Forest and Open Space Act as tool to conserve forestland.					Planning Conservation	
NC.1.10.9	Continue to support locally grown products to help ensure the viability of farming and forestry in the Town.					Planning Conservation	
NC.1.12.1	Continue to use land-planning techniques to preserve wildlife habitat.					Planning Conservation	
NC.1.12.2	Utilize open space protection strategies to protect wildlife habitat and rare species.					Planning Conservation	Continue aggressive open space acquisition program
NC.1.12.3	Create interconnecting open space parcels and natural resource areas as wildlife corridors.					Planning Conservation	Continue aggressive open space acquisition program
NC.1.12.4	Implement strategies as outlined in the <i>South County Greenspace Project</i> to protect the regions natural, cultural, and recreational resources.					Planning	Implement plan, seek funding
NC.1.12.5	Consider removal of small private dams to promote and restore fish passage.					Planning Conservation	
NC.1.13.1	Continue to enforce appropriate regulations for industrial uses.					Planning Building Official	
NC.1.13.2	Review and as appropriate adopt noise control ordinances for industrial uses including uses of the Quonset Business Park waterfront area.					Planning	Draft regulations Present for public review
NC.1.14.1	Establish and enforce local air quality standards and ensure that these standards are met during the development and full build-out of the Town.					Planning	Draft regulations Present for public review
NC.1.15.1	Adopt a Dark Sky Ordinance to regulate lighting in parking lots, recreational facilities, streets and highways to maintain safety while minimizing the amount of light reflected back into the sky.					Planning	Draft regulations Present for public review
NC.1.16.1	Request the Town's Planning, Conservation, Harbor Management, Groundwater Committee, and Land Conservancy and all other appropriate Town bodies to provide resource analysis and to make recommendations on proposed alterations to the natural environment.					Planning Groundwater Committee Harbor Management Conservation	Establish protocol and procedures
NC.1.16.2	Continue to use the expertise of the Groundwater					Groundwater Committee	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
	Committee to provide advice on water use and conservation.						
NC.1.16.3	Encourage the Conservation Commission to meet with Conservation Committees in neighboring towns to address issues of mutual concern, including Narrow River and Hunt River watershed management, as well as Washington Country Greenspace protection.					Conservation Planning	Invite adjacent commissions and committees to an area-wide roundtable to discuss common issues
NC.1.16.4	Encourage interaction and joint meetings between Town Boards.					Town Council	Develop procedures for interdepartmental communication
NC.1.17.1	Adopt regulations that, at a minimum, meet State requirements and, where warranted, adopt more stringent requirements.					Town Council	Draft regulations Present for public review
NC.1.17.2	Streamline and coordinate the development review process and ensure enforcement is adequate and complete.					Planning	Draft regulations Present for public review
NC.1.18.1	Implement recommendations of the Hazard Mitigation Plan.					Planning	Implement plan
NC.1.18.2	Implement the recommendations of the Emergency Response Plan.					Planning	Implement plan
NC.1.18.3	Work with New England Gas to create an emergency shut-down of gas lines in the event of bridge collapse and line disruption on the following bridges: Hussey Bridge, the Brown Street Bridge, the Babbit Farm Bridge over Cocumscussoc Brook and the Hamilton Mill Bridge on Boston Neck Road.					Planning Public Works	Coordinate with New England Gas Develop protocol/plan for emergency shut-downs
NC.1.18.4	Review emergency plans for water service restoration in the event of collapse of the following structures: Hussey Bridge, Brown Street Bridge, Babbit Farm Bridge over Cocumscussoc Brook and Hamilton Mill Bridge on Boston Neck Road, Stony Lane and Drybridge Road Bridges over the railroad tracks, and Forge Road Bridge over the Potowomut River.					Water Public Works	Review/update emergency plan
NC.1.19.1	Enforce code inspection of noxious or objectionable odors.					Building Official	
NC.1.19.2	Revise zoning to ensure that industrial processing which potentially generate objectionable odors are adequately buffered from adjacent residential neighborhoods.					Planning Town Council	Draft regulations Present for public review
NC.2.1.1	Document and map the sites, structures and districts of historical significance to the Town for the purpose of identification, inventory, protection and education.					Historic District	Utilize GIS mapping to identify properties for priority protection
NC.2.1.2	Add new documentation to the town and state inventory					Historic District	Utilize GIS mapping to identify

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
	of historic resources as it becomes available.						properties for priority protection
NC.2.1.3	Work with historic societies, the Historic District, the universities, and other civic organizations to develop a local information center for historic resources.					Planning Historic District	Initiate coordination with stakeholders
NC.2.1.4	Work with the State Historic Preservation and Heritage and other sources to designate eligible individual properties and districts to the National Register.					Historic District Planning	Determine eligibility for the National Register
NC.2.3.1	Educate owners of historic properties about state and local programs available.					Historic District Planning	Develop public outreach program
NC.2.3.2	Develop a marker system for Historic Districts.					Historic District	Design marker system
NC.2.3.3	Educate homeowners about the identification and preservation of historic sites.					Historic District Planning	Develop public outreach program
NC.2.4.1	Investigate the creation of additional local historic district zones, beginning with consideration of National Register Districts such as Saunderstown, Lafayette, Shady Lea and Belleville.					Planning Historic District	Determine eligibility for the National Register
NC.2.4.2	Amend North Kingstown historic zoning to identify mechanism for consideration of additional historic districts, which protect isolated historic structures, noting that according to current regulations, historic districts may include one or more structures.					Planning Town Council Historic District	Draft regulations Present for public review
NC.2.4.3	Work with the State on building codes for historic structures.					Building Official Historic District	Coordinate with state agencies on code revisions
NC.2.4.4	Promote an understanding and appreciation of the history of the Town's roadside locations, roads, and intersections through a program of signage to mark Town boundaries and historic and cultural sites.					Planning Historic District	Design marker system
NC.2.4.5	Continue to use conservation easements to improve preservation opportunities and reduce the tax burden of property owners.					Town Council	
NC.2.4.6	Continue to utilize loans and grants to preserve historic districts and sites.					Town Council Historic District	
NC.2.4.7	Expand the use of historic district zoning where the need exists.					Planning Historic District	Draft regulations Present for public review
NC.2.4.8	Re-establish deteriorating or destroyed signs marking historic sites.					Planning	Design marker system for replacement of markers
NC 2.4.9	Require developers of new residential subdivisions and land development projects to identify significant site features and historic resources, and utilize conservation zoning techniques to protect these resources.					Planning Conservation	Draft regulations Present for public review
NC.2.4.10	Research retrofitting techniques to mitigate storm/weather damage of the town's historic structures.					Planning Historic District	Work with owners of locally designated historic structures to

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo-2yrs	2yrs-5yrs	On-going		
							consider retrofit strategies
NC.2.4.11	Complete a survey to identify historic landscapes.					Planning Historic District	Determine eligibility for the National Register
NC.2.7.1	Require archaeological surveys in locations with a high probability of undisturbed resources.					Planning	Plan review
NC.2.7.2	Work with the Narragansett Indian Tribe to identify archaeological sites.					Historic District	Utilize GIS mapping to identify properties for priority protection
NC.2.7.3	Adopt site plan provisions that will require protection of archaeological resources.					Town Council Historic District	Draft regulations Present for public review
NC.4.1.1	Encourage Town-wide active participation in learning about natural, historical and cultural resources of North Kingstown.					Planning School Committee	Develop public outreach program
NC.4.1.2	Develop a uniform signage program for proper marking of natural and cultural resources.					Planning Historic District Commission	Design marker system
NC 4.1.3	Continue a Town-wide environmental education program for residents and businesses.					Planning Conservation	
NC.4.1.4	Educate business about techniques for preventing general and business-specific pollution.					Planning	Establish program with hazardous waste specialists and the Chamber of Commerce
NC.4.1.5	Establish a Town program to provide education and guidance in compliance with environmental regulations and property environmental management processes.					Planning Conservation	Develop public outreach program
NC.4.1.6	Town facilities should be examples of environmentally conscious facilities that also meet design guidelines.					Town Council	Adopt sustainability policy
NC.4.1.7	Continue to encourage business, industry, citizen and municipal participation in conservation and recycling programs to conserve natural resources.					Conservation	

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	OPEN SPACE, CONSERVATION, AND RECREATION ELEMENT						
OS.1.1.1	Identify resource areas and values of currently protected open space.					Planning	Implement procedures for site inspection and documentation of resources, utilizing GIS
OS.1.1.2	Establish criteria for preservation of open space, including creation of "green corridors" that connect conserved parcels.					Planning	Draft regulations Present for public review
OS.1.1.3	Identify sites within the Town that connect to protected areas in abutting communities that should be included within the open space network, including but not limited to the following: • significant coastal features • barrier beaches • significant scenic resources • freshwater resources • groundwater resources • forests • meadows • pitch pine/scrub oak barrens • farmland • orchards • soils suitable for agriculture • wetlands • wildlife habitats • river corridors • significant archaeological sites • unusual geological features • paleontological features					Planning Groundwater Committee Harbor Management	Implement procedures to review protected properties adjacent to municipal boundary.
OS.1.1.4	Prioritize the list of sites for protection in the open space network for preparation of a Future Open Space Network Map: • Existing Protected Areas (public land and land with perpetual conservation easements). • Identify Primary Conservation Areas, which consist of lands deemed to be inherently unsuitable for development due to severe environmental					Planning Conservation	Establish list of priorities in open space plan

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On-going		
	constraints. Identify Secondary Conservation Areas, including lands with resources that are either significant at some level or are at least notable and worthy of consideration for conservation wherever possible.						
OS.1.1.5	Create a Priority Sites for the Open Space Acquisition Map showing High, Medium, and Low Priority Sites.					Planning	Utilize GIS mapping to identify properties for priority protection
OS.1.1.6	Periodically review and update the Priority Sites for Open Space Acquisition Map so that it is readily available for use when funding opportunities become available for purchase of the property or purchase of development rights.					Planning	
OS.1.1.7	Incorporate the findings of the South County Greenspace Protection Plan.					Planning	Integrate recommendations on Priorities Map
OS.1.2.1	Continue to purchase development rights for significant open space areas.					Town Council	
OS.1.2.2	Implement program to transfer development rights from significant open space areas to growth centers and areas better suited for development.					Planning Town Council	Draft regulations Present for public review
OS.1.2.3	Continue to use real estate transfer tax and impact fees to fund open space acquisition.					Town Council	
OS.1.2.4	Land-bank priority parcels for future public use including construction of affordable housing.					Town Council	Utilize GIS mapping to ID parcels
OS.1.2.5	Identify repetitive flood loss parcels with greater than 50% damage for potential acquisition by the town as preserved open space.					Planning	Utilize GIS mapping to ID parcels
OS.1.2.6	Implement Transfer of Development Rights to protect and conserve land close to the wellhead (sending area) while transferring development to areas either further from the wellhead within the Groundwater Protection overlay zone or outside the zone (receiving area).					Planning Town Council Groundwater Committee	Draft regulations Present for public review
OS.1.2.7	Continue to collaborate with non-profits, state and federal agencies, and private land owners/developers to preserve open space through gift, fee acquisition, purchase of development rights, transfer of development rights, or other innovative strategies.					Planning Conservation	
OS.1.2.8	Support efforts of the Land Conservancy of North Kingstown to preserve and manage open space.					Conservation Planning	
OS.1.3.1	Investigate and pursue financial incentives as a means of protecting open space, such as special taxing programs, conservation easements, and donations of land to land trusts.					Planning Conservation Town Council	Research financial incentives and develop package to use when talking to potential sellers of open space properties

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
OS.1.3.2	Continue to provide financial incentives for property owners to donate land and educate them regarding the financial advantages of donation.					Town Council	
OS.1.4.1	Continue to use conservation development techniques, for the following purposes: - Increasing the percentage of open space required when land is subdivided or developed; - Permitting conservation development techniques in certain zoning districts; - Reconsidering the manner in which density is calculated in residential development projects by: - At a minimum, applying the same density calculation rules to both conventional and conservation layouts for new residential subdivisions - Considering adoption of a "menu of density options" for all residential districts based upon the amount of open space that is permanently protected - Considering reducing the density permitted when conventional subdivision layout is used - Allowing the use of conservation development techniques, especially when parcels include High Priority Sites for Acquisition; - Varying the amount of open space required in different residential districts; - Excluding open space lands that are not developable (e.g. wetlands and floodplains) when calculating open space percentages; - Expanding options for the continued use of open space in conservation developments for such activities such as a "gentlemen's farm," an equestrian center, a wholesale nursery, and a pick-your-own operation; - Limiting the use of open space in conservation subdivisions for active recreation facilities, especially golf courses; - Encouraging preservation of more than the minimum required amount of open space by the use of zoning incentives.					Planning	Implement through development plan review

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
OS.1.4.2	Revise Land Development Regulations to encourage quality design of conservation developments by: - Implementing design standards for the quantity, quality, and configuration of open space - Requiring an enhanced sketch planning process - Reviewing and revising subdivision standards, as appropriate, related to: - Street design - Stormwater management - Sidewalks - Street trees - Driveways - Flexible lot layouts (flag lots, irregular lots, double frontage lots) - Wastewater management and advanced treatment systems - Use of open space for water supply and sewage disposal in conservation developments - Potable water use and management					Planning	
OS.1.4.3	Explore options for on-lot and off-lot septic systems that encourage quality design of conservation developments.					Planning Conservation	Development plan review
OS.1.4.4	Promote the use of Residential Compounds.					Planning	
OS.1.4.5	Require open space preservation, as appropriate, in any case of town-owned properties for the development of affordable housing.					Planning	
OS.1.4.6	Design open space in residential developments to buffer important natural areas and features from nearby development.					Planning	Draft regulations Present for public review
OS.1.4.7	Consider the preservation and, where possible, the enhancement of wildlife habitat in the design of residential developments.					Conservation Planning	Draft regulations Present for public review
OS.1.5.1	Utilize existing and former rights-of-way to connect open spaces.					Planning	Draft regulations Present for public review
OS.1.5.2	Connect open spaces by providing paths, trails and village greens for common use.					Planning	Initiate study to identify former rights of way; utilize GIS to map
OS.1.5.3	Continue to encourage developers utilizing Conservation Development, PUD and Residential Compound options to connect private dedicated open space to nearby natural open space, trails, and other protected open space on nearby lands.					Planning Conservation	Initiate study to identify open space connections; utilize GIS to map

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On-going		
OS.1.5.4	Explore the possibility of creating links within North Kingstown as part of the State's inter-connected greenway/greenbelt system as recommended in the State Guide Plan Element 155, Greenspace and Greenways Plan.					Planning	Draft regulations Present for public review
OS.1.5.5	Promote the environmentally sensitive development and use of trails along rivers, on abandoned railroad right-of-ways, within individual parks, and on a statewide basis for recreation and energy efficient transportation as recommended in the State Guide Plan Element 152, Ocean State Outdoors, Rhode Island's Comprehensive Outdoor Recreation Plan.					Planning	Initiate open space / greenbelt study
OS.1.6.1	Continue to work cooperatively with national, regional and local conservation organizations and land trusts to acquire and preserve open space.					Planning	
OS.1.6.2	Continue to work cooperatively with federal, state and local agencies to acquire and preserve open space and to establish plans of action in the event of future status changes in preserved properties.					Planning Conservation	
OS.1.7.1	Develop review processes that include the input of those boards and people that have expertise in the areas of open space protection and recreation planning.					Planning Conservation Recreation Senior Services School Harbor Management	
OS.2.1.1	Monitor the Town's demographics to ensure adequate provision of recreation facilities.					Planning	Development plan review
OS.2.1.2	Provide adequate neighborhood park facilities. • Provide pocket parks in neighborhoods in north end of Town; • Implement recommendations of Sawmill Pond Project; • Investigate Donald Downs Park /Lischio Field to include an environmental; assessment master plan and facility development; • Improve and expand playground facilities on school property; • Improve and expand playground facilities at Town parks; • Develop a neighborhood park at Camp Avenue/Lands End Drive site;					Planning Recreation Harbor Management	

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	Use elementary schools for Town recreation activities.						
OS.2.1.3	Provide adequate community park facilities. - Work with the State to provide a low impact plan for Cocumscussoc Park; - Implement recommendations of Calf Pasture Point and Yorktown Park Master Plans.					Planning Recreation Harbor Management	Pursue federal and state grants for funding. Include park improvements as a budget item in Capital Improvement Plan (CIP)
OS.2.1.4	Provide for special recreation areas. - Construct new restrooms and septic system at Town Beach; - Develop additional parking for the beach, Senior Center, Community Center and Arts Center; - Improve landscaping and locate bandstand to maximize the view of and from this scenic property; - Seek to acquire additional beach frontage and supportive land; - Explore opportunities to create a second entrance to the Town Beach.					Planning Recreation Harbor Management Senior Services	Coordinate with DEM Include Town park improvements as a budget item in CIP
OS.2.1.5	Provide adequate facilities for picnicking. Include picnic tables in Ryan Park, Walmsley Lane Park and Wilson Park, Phase 2.					Planning Recreation	Pursue federal and state grants for funding Include park improvements as a budget item in CIP
OS.2.1.6	Provide adequate facilities for tennis.					Planning Recreation	Pursue federal and state grants for funding Include park improvements as a budget item in CIP
OS.2.1.7	Provide adequate facilities for golf. Implement the Golf Course Master Plan and consider sustainable options to maintain the municipal golf course that minimize the use of potable water: developing a new well in groundwater which may not be suitable for drinking water (Class SB groundwater); beneficial reuse of reclaimed wastewater treatment plant effluent; or night watering to avoid daytime peak water demand hours and to minimize evaporation.					Planning Recreation Groundwater Committee	Explore public private partnerships to provide adequate tennis facilities
OS.2.1.8	Provide adequate marina facilities. Implement the recommendations of the Harbor Management Plan relative to: - Boat launches; - Development of support facilities to improve Allen Harbor and produce revenue; - Use the Allen Harbor Calf Pasture Point Master Plan					Planning Recreation Harbor Management	Undertake strategy to provide adequate golf facilities and maintenance

REF. NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	to guide the development in Allen Harbor.						
OS.2.1.9	Consider all options for management of Town-owned recreation facilities including lease to private operators.					Planning Recreation Town Manager	Pursue federal and state grants for funding Include marina facilities as a budget item in CIP
OS.2.2.1	As new facilities are planned, investigate user fees to maintain the facility.					Planning Recreation Town Manager	Form committee to address issues related to possible change in management
OS.2.2.2	Investigate opportunities to expand Town facilities at the beach, Community Center, Senior Center and Arts Center to meet current and projected demand.					Planning Recreation Harbor Management Senior Services	Establish structure for user fees
OS.2.3.1	Coordinate use of School facilities through the Recreation, according to policy.					School Recreation	Undertake design and construction of improvements
OS.2.4.1	Develop a policy with other local communities to share regional active recreation programs and facilities.					Town Manager Town Council	Develop policy
OS.2.5.1	Include realistic assessments of and budget for operational and maintenance costs in the development of new recreation facilities.					Recreation Planning Town Manager Town Council	Develop policy
OS.2.5.2	Monitor large forested areas during periods of dry weather and drought to fight a fire before significant damage is caused.					Fire Conservation	Require long and short term costs be included in all new recreation facilities
OS.2.5.3	Inspect the Municipal Golf Course's facilities for vulnerability to storm/weather events and retrofit as necessary.					Recreation	Initiate forest watch patrols
OS.3.1.1	Post signage at shoreline access points with information on access and parking restrictions (2-hour limit / no overnight parking, etc.)					Recreation Harbor Management Town Council	Initiate inspection
OS.4.1.1	Develop a natural resources education program and combine it with an "Adopt-A-Spot" program.					Conservation Public Works Town Council	Design and post signage
							Initiate program for Town Council approval

ACTION		TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	POST ROAD COORIDOR ELEMENT						
P.1.1.1	Continue to monitor changes in land use along and surrounding Post Road.					Planning	Continue to maintain database and GIS
P.1.1.2	Continue to develop the Land Use Plan with zoning districts along Post Road that encourage land use diversity with a mix of service, professional, commercial and residential uses, based on considerations such as: • Proximity to residential use; • Pedestrian access; • High quality architectural design; • Landscape and site design; • Efficient and maximized density • Abutting land use; • Existing land use; • Highway accessibility; • Traffic flow; • Market area; • Environmental constraints; • Sustainability.					Planning	Continue to update zoning
P.1.1.3	Provide housing, service, commercial and retail uses along Post Road, which complement, support and enhance the uses located in the Quonset Business Park.					Planning	Continue to update zoning
P.1.1.4	Continue to encourage the use of protected open space parcels to separate the districts along Post Road.					Planning	Continue to update zoning
P.1.1.5	Consider requiring impact fees or financial assistance from developers to pay for infrastructure improvements such as sidewalks, street trees and plantings, sewers, shared parking, street furniture, and attractive light fixtures.					Planning	Review options for Tax Increment Financing and impact fees
P.1.1.6	Consider the Plan's recommended changes to the zoning ordinance including: • Changes to General Business to allow mixed use development and the introduction of high density residential uses; • Changes to dimensional requirements in the NR40 and RR80 districts to allow high density, compact development;					Planning Town Council	Continue to update zoning

ACTION		TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
	- Rezoning using existing district classifications or rezoning with a new overlay district to allow for more compact village-scale development; - Revised standards for QBP parcels that front on Post Road to ensure village-type layouts; - Revised standards for undeveloped parcels in the southern segment.						
P.1.1.7	Require that RIDOT implement the transportation recommendations of the Post Road Corridor Plan with roadway reconstruction.					Planning Town Engineer	Use Statewide Planning to promote coordination
P.1.2.1	Allow higher density residential and commercial development in the Post Road Corridor TDR receiving zones.					Town Council Planning	Continue to update zoning
P.1.3.1	Investigate incentive programs for the revitalization of Post Road properties that may include, but not be limited to, revolving low-interest loan programs, density incentives, design awards, tax incentives and tax increment financing (TIF).					Planning	Review Providence TIF program
P.1.3.2	Investigate the use of TIF programs to finance structured parking decks, garages and locations under buildings within the identified village growth centers.					Planning	Review Providence TIF program
P.1.4.1	Continue to encourage the mixing of residential units and commercial uses in projects.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.1.6.1	Develop a set of design guidelines and associated illustrations to demonstrate the merits and feasibility of undertaking TND.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.1.6.2	Promote infill development along Post Road as a means of discouraging and limiting new development in the more rural areas of Town.					Town Council Planning	Continue to update zoning
P.1.6.3	Allow high-density residential development along the Post Road Corridor, especially in the targeted growth centers.					Town Council Planning	Continue to update zoning
P.1.6.4	Direct new high-density development and redevelopment in areas that are already well serviced by the existing infrastructure.					Planning	Continue to update zoning
P.1.7.1	Seek funding to transform Post Road into an attractive boulevard with an intermittent landscaped median.					Town Council Planning	Put project on TIP Seek funding from new ISTEALU
P.1.7.2	Develop landscaping requirements for the Post Road Corridor to address items such as street trees, landscaped buffer requirements from nearby residential uses and parking lot landscaping.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines

ACTION		TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
P.1.7.3	Continue to work with RIDOT on landscaping requirements in the proposed Post Road reconstruction plans to ensure consistency with the Post Road Corridor Plan.					Planning	Present copy of Design Guidelines to RIDOT
P.1.7.4	Require street lighting that respects the design guidelines of Post Road including public street lighting and lighting in commercial developments.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.1.7.5	Seek funding to prepare construction documents to implement public area improvements in accordance with the Post Road Corridor Plan.					Town Council Planning	Prepare conceptual designs and cost estimates
P.1.7.6	Work with RIDOT and private landowners to construct streetscape improvements on a phased basis.					Planning	Present copy of Design Guidelines to RIDOT
P.1.7.7	Continue to work with RIDOT to include bikeways, streetscapes, under-ground utilities and traffic calming techniques in Post Road reconstruction.					Planning	Present copy of Design Guidelines to RIDOT
P.1.7.8	Require all new development to reuse stormwater runoff as a method for reducing the need for watering landscaped areas with potable water					Planning	
P.1.8.1	Review the Town's Sign Ordinance for consistency and appropriateness with the Post Road Corridor Plan and amend sign regulations accordingly.					Planning	
P.1.8.2	Establish a grant program for commercial façade rehabilitation and signage improvements.					Planning Town Council	Research similar programs Prepare budget and legal agreements
P.1.8.3	Implement a commercial signage amortization program.					Planning Town Council	Research similar programs Prepare budget and legal agreements
P.1.8.4	Establish design standards for signs within the Post Road Design Guidelines.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.1.9.1	Continue to encourage the organization of a Post Road Business Association.					Planning Economic Development	
P.1.9.2	Formulate and maintain a joint Post Road marketing program, which may include: • Identity development (e.g. logo, shopping bags); • Store hours coordination; • Coordinated marketing/advertising; • Events programming; • Corridor newspaper.					Economic Development	Develop out of Action P.1.9.1
P.1.9.3	Formulate and maintain a joint business district maintenance program.					Economic Development	Develop out of Action P.1.9.1

ACTION		TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
P.1.10.1	Refine the designation of the Growth Centers as presented in the Post Road Corridor Plan.					Planning	Form committee Prepare details Present to public
P.1.10.2	Apply to Statewide Planning Program for designations of the Growth Centers.					Town Council Planning	Submit information from P.1.8.1
P.2.1.1	Continue to protect the existing heavily forested transition zone from the Post Road commercial area to the Wickford National Register District.					Wickford Plan Committee Planning	
P.2.1.2	Continue to investigate and pursue the means to connect Cocumscussoc Park to Smith's Castle in conjunction with the Post Road upgrade.					Planning	
P.3.1.1	Continue to enforce speed limits along Post Road.					Police	
P.3.1.2	Create an Access Management Plan to control and coordinate curb openings along Post Road.					Planning DPW	Research similar programs
P.3.1.3	Continue to encourage, and to the extent possible require, the use of shared driveway access points between properties.					Planning	
P.3.1.4	Encourage sidewalks and pedestrian paths along Post Road that connect adjacent commercial buildings and properties, as well as nearby parcels.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.3.1.5	Work with RIDOT to provide pedestrian-activated crosswalks, crossings, median waiting areas and lighting that will allow for the safe crossing of Post Road.					Planning	Present copy of Design Guidelines to RIDOT
P.3.1.6	Require that RIDOT integrate pedestrian and bicycle circulation improvements with reconstruction of Post Road, including construction of a multiuse bike path connecting Hope Dale Drive with Camp Avenue (within the Post Road right of way on the east side) as a segment of the Wickford to Quonset bike path.					Planning	Present copy of Design Guidelines to RIDOT
P.3.2.1	Continue to encourage parking area coordination and pedestrian connections between businesses.					Planning	Develop draft of shared parking and access ordinance Present to public
P.3.2.2	Require construction of stub vehicular and pedestrian connections to adjacent properties at logical locations during property redevelopment as part of the Land Development process. With future redevelopment of adjacent properties, complete connections will be implemented.					Planning	Develop draft of shared parking and access ordinance Present to public
P.3.3.1	Continue to work with RIDOT on plans for the upgrading of Post Road and the Quonset Access Road to ensure consistency with the North Kingstown Comprehensive Plan.					Planning	Coordinate with RIDOT to ensure plans are consistent with Comprehensive Plan Update

ACTION		TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo – 2yrs	2yrs – 5yrs	On- going		
P.3.3.2	Work with RIDOT to retain Post Road as a primary arterial and direct efforts to: • Reduce speeds in the corridor; • Add traffic calming measures; • Include pedestrian crossings; • Include attractive landscaping and signage.					Planning	Coordinate with RIDOT to ensure plans are consistent with Comprehensive Plan Update
P.3.3.3	Incorporate the Post Road Corridor Plan into RIDOT reconstruction plans for Post Road.					Planning	Coordinate with RIDOT to ensure plans are consistent with Comprehensive Plan Update
P.3.4.1	Require sidewalk or multiuse path construction adjacent to Post Road to facilitate pedestrian connections to bus stops.					Planning	Coordinate with progress under Land Use Actions for Design Guidelines
P.3.4.2	Provide pedestrian connections from adjacent neighborhoods, including designated Growth Centers, to RIPTA bus service on Post Road.					Planning	Coordinate with RIPTA to ensure plans are consistent with Comprehensive Plan Update
P.3.4.3	Require that RIPTA install bus shelters at primary bus stops.					Planning	Present RIPTA with copy of Comprehensive Plan Update Use good offices of Statewide Planning and promote as part of state investment strategy
P.3.4.4	Consider options that connect the existing commercial and job centers and the new Growth Centers, including: • Local or in-town shuttle options • Regional transportation systems					Planning	Research other community examples and develop concepts for discussion
P.3.4.5	Provide convenient and frequent RIPTA bus service from Post Road, especially within the Village Growth Centers, to the Wickford Junction Commuter Rail Station.					Planning	Approach RIPTA
P.4.1.1	Require all new development to install utilities underground.					Town Council Planning Public Works	Research other community examples and develop requirements for discussion
P.4.1.2	Seek the replacement of above ground utilities to underground for all new roadway projects.					Town Council Planning Public Works	Research other community examples and develop requirements for discussion
P.4.1.3	Coordinate the timing of the installation and replacement of underground utilities to coincide with pavement upgrades to Post Road.					Planning Public Works	
P.4.2.1	Form a municipal sewer district to handle the wastewater needs of the Post Road Corridor.					Town Council Planning Public Works	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	QUONSET BUSINESS PARK ELEMENT						
QBP.1.3.1	Continue to review, modify, develop, and where necessary change and implement suitable zoning, land use buffering and design standards in order to protect surrounding areas, while allowing for the ability to maximize the development options available at the QBP.					Planning	
QBP.1.3.2	Adopt regulations that address light impacts on the surrounding communities and protect the night sky.					Planning Town Council	Revise zoning in accordance with International Dark Sky recommendations Present for review
QBP.1.3.3	Work with the QDC to get funding for trees and other types of plantings to utilize in buffer areas.					Planning Town Council	Submit grant applications for funding; coordinate with QDC
QBP.1.3.4	Encourage QDC to consider buffering industrial land uses from adjacent residential neighborhoods with development of multifamily residential or other compatible land use at West Davisville.					Planning Town Council	Coordinate with QDC
QBP.1.3.5	Town to consider zoning vacant developable land adjacent to the park for multifamily residential or other compatible land use to buffer existing and proposed industrial land uses within the Quonset Business Park from abutting residential neighborhoods.					Planning Town Council	Revise zoning map
QBP.1.3.6	Adopt regulations to maintain a 25-foot wide no cut, vegetative landscaped buffer along the northern perimeter of the QBP, along the Quonset Shared Use Path, from the corner of Newcomb Road and Fletcher Road to the Allen Harbor area.					Planning Town Council	Coordinate with QDC
QBP.1.5.1	Eliminate or minimize odor, noise, vibration, water supply and light impacts to the surrounding community (including adjacent neighborhoods) and communities located along transportation corridors.					Planning	Coordinate with QDC
QBP.1.5.2	Utilize the land development plan review process and performance standards to ensure development is consistent with community goals and expectations.					Planning	Plan review
QBP.1.5.3	Require best management practices and state of the art environmental controls to minimize negative impacts to the Town and coastal resources.					Planning	Plan review

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On-going		
QBP.1.5.4	Require all new development meet FEMA building codes.					Building Official	Amend permit process, as necessary
QBP.1.5.5	Require a Hazardous Materials Plan, as indicated in the Town's Hazard Mitigation Plan to ensure containment in the event of a storm/weather event.					Planning Building Official	Plan review
QBP.2.1.1	Support a constructive relationship between QBP businesses and the local chamber of commerce.					Planning	Facilitate coordination of businesses and chamber
QBP.2.1.2	Acknowledge the importance of QBP firms to a diverse municipal tax base.					Town Council	Draft resolution for Town Council approval
QBP.2.1.3	Encourage local residents to utilize public shoreline access as designated in the CRMC public access plan.					Planning Recreation Harbor Management	Post QDC Public Access Plan (or link) on Town website
QBP.2.1.4	Ensure that the PILOT and municipal property taxes generated by QBP firms are adequately acknowledged by the Town as a component of the municipal budget.					Town Manager Town Council	Include a website notice; prepare press release
QBP.2.2.1	Support QDC implementation of regulations outlined in the <i>Quonset Business Park Development Package</i> , including recommendations that all project proponents contact the Town of North Kingstown for consultation on the Town's planning and zoning regulations and procedures					Town Council Planning	Plan review
QBP.2.2.2	Ensure that development is compatible with the North Kingstown Comprehensive Plan, site reuse conditions and restrictions embodied in all Quonset and Davisville land transfer agreements, and all other local, state and Federal laws and regulations.					Planning Town Council	Plan review; QDC coordination
QBP.2.2.3	Accommodate a diversity of industries, whose operations do not conflict with each other, the environment or the Town.					Planning	Plan review; QDC coordination
QBP.2.3.1	Consider establishment of a joint Town and QDC development site plan review committee with binding approval power. Committee to be comprised of three Town and three QDC staff. Alternatively, an advisory committee with equal representation could be formed if it is not feasible to establish a joint committee with binding approval power.					Town Council	Present concept to QDC and discuss
QBP.2.3.2	Work with the QDC staff to adopt shared rules and regulations for the joint committee to use when reviewing all projects at the QBP.					Town Council Planning	
QBP.2.4.1	Establish Town Zoning Regulations to include strong performance standards for business, industrial and mixed use development within the QBP.					Planning	Review QBP development guidelines and revise zoning ordinance as necessary
QBP.2.4.2	Ensure the Town planning approval process is predictable to					Planning	Revise zoning and land

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On-going		
	ensure expeditious and effective permitting.					Town Council	development regulations as required
QBP.2.5.1	Support QDC's implementation of park development and street layout in accordance with the <i>Quonset/Davisville Port and Commerce Park Master Plan – 2003 Revision of the 2001 Update</i> .					Town Council Planning	QDC coordination
QBP.2.5.2	Support QDC's recommendation that "all prospective project proponents are advised to contact the Town of North Kingstown for consultation on the Town's planning and zoning regulations and procedures" as indicated in <i>Quonset Business Park Development Package</i> .					Planning	QDC coordination
QBP.2.5.3	Encourage QDC to regularly update the <i>Quonset/Davisville Port and Commerce Park Master Plan</i> to reflect changing needs. Encourage QDC to update the <i>Quonset Business Park Development Package</i> as needed.					Town Council	QDC coordination
QBP.2.6.1	Continue to provide reasonable and necessary municipal services to the QBP that will enhance its marketability.					Town Council	
QBP.2.6.2	Continue the Town's representation on the Quonset Development Corporation Board.					Town Council	
QBP.2.6.3	Continue working with the QDC to ensure appropriate fire service within QBP through the identification of an appropriate location within the Park for the construction of a fire station and the transfer of that land to the Town.					Planning	
QBP.2.6.4	Remain involved in the work of the NK-QDC Community Advisory Committee.					Town Council	
QBP.2.6.5	Continue to ensure roadways are properly upgraded to Town standards prior to acceptance by the Town for maintenance and that the construction of new roads meets at least Town standards.					Planning Town Engineer	
QBP.2.6.6	Support infrastructure development through the Town's Capital Improvement Program.					Planning	
QBP.2.6.7	Establish procedure for QDC approval by the Town Fire Marshal of names for park roads by a memorandum of agreement to ensure Town knows addresses for emergency response. This would ensure consistent record keeping with the Town Assessor.					Town Council Fire Building	Draft agreement with QDC regarding procedures for street naming
QBP.2.7.1	Encourage tenants to form a QBP business association to increase communication and address common needs such as park maintenance, transportation management, day care, emergency response for hazardous waste issues, and hurricane evacuation, among others.					Planning	Encourage QDC to work with tenants to form business association

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
QBP.2.8.1	Continue to work with QDC and other interested parties in the Hunt Wellhead Protection Area Plan Committee or through other protection initiatives to address water management within the aquifer.					Planning Water	
QBP.2.8.2	Continue to encourage water conservation.					Water	
QBP.2.8.3	Support public shoreline access in accordance with the QDC Public Access Plan approved by CRMC. Encourage QDC to maintain adequate signage, parking and trail condition. Town to collaborate with QDC and CRMC for future expansion of the public access plan as required.					Planning Recreation Harbor Management	Post QDC Public Access Plan (or link) on Town website; coordinate with QDC as required
QBP.2.8.4	Encourage use of structured parking to reduce expansive parking lots and more effectively manage stormwater runoff. Support creative financing such as tax increment financing for parking structures that meet needs of multiple park tenants for multiple uses.					Planning	Plan review QDC coordination
QBP.2.8.5	Encourage QDC to recognize that parking for residential use may be accommodated within parking lots for day shift businesses.					Planning	Plan review QDC coordination
QBP.2.8.6	Encourage QDC to offer incentives in the <i>Quonset Business Park Development Package</i> for proponent businesses to investigate transportation demand management strategies such as shared parking, vanpools/carpools, or shuttle bus service to reduce need for expansive parking fields.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.2.9.1	Encourage State bond issues to improve the image of the business park, to support infrastructure upgrade, and to fund transportation improvements.					Planning	QDC coordination
QBP.2.10.1	Town council appointees to continue to serve on the Quonset Development Corporation Board.					Town Council	
QBP.2.10.2	Town representatives to continue to serve on QDC and state stakeholder committees for major development and transportation projects.					Town Council	
QBP.3.4.1	Take appropriate action to protect the natural shoreline of Fry's Cove from filling and dredging.					Town Council Conservation Planning	Plan review
QBP.4.2.1	Develop waterfront zoning that accommodates marine dependent and related uses yet protects Narragansett Bay.					Planning	Revise zoning as necessary
QBP.4.2.2	Continue to support water dependent use of shoreline, piers, and other waterfront infrastructure that provides jobs, protects the environment, and affords public access (as outlined in the QDC Public Access Plan).					Planning	QDC coordination

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
QBP.4.2.3	Support expanded aquaculture or fish farming.					Planning	Determine viability of market and proceed with work plan
QBP.5.1.1	Focus on the use of land for job production and minimize the amount of lay-down area.					Planning	QDC coordination
QBP.5.1.2	Encourage sustainable "green" land and building development and the use of wind power. Amend Town zoning to enable construction of wind turbines by special use permit at Quonset and elsewhere in town.					Planning	Revise zoning as necessary
QBP.9.1.1	Support multimodal access (including shuttle bus service) from the ferry terminal and airport to local destinations within the business park and in town.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.10.2.1	Support development of a shuttle service connecting QBP employment centers with Post Road services to reduce traffic volumes, especially for lunchtime trips.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.10.3.1	Block routine access from Keiffer Park to Camp Avenue while retaining emergency access.					Public Works Town Council	Routinely inspect access
QBP.10.3.2	Procure easements to ensure pedestrian and bike access is maintained from Keiffer Park to Camp Avenue.					Planning Town Council	Draft easements for Town Council approval
QBP.11.1.1	Complete a full traffic buildout analysis for the Quonset Business Park to ensure adequate carrying capacity of all roadways, and to identify other modes of transportation that will be necessary if the buildout will be beyond the carrying capacity of the roadway network.					Planning Public Works	QDC coordination
QBP.12.1.1	Develop a memorandum of understanding between the Rhode Island Airport Corporation and the Town of North Kingstown that includes the following issues: • Appropriate regulations for industrial and airport uses; • Assessment of mitigation measures related to the activities at the Quonset State Airport, including restrictions on nighttime flights to the extent allowable by federal law; • Proposals for the expanded use of the Airport for charter flights, aircraft repair and manufacturing, and express delivery services imposing operating restrictions on critical variables such as time of day for flights, number of daily flights and noise impacts; • Developing a review process with the Rhode Island Airport Corporation for proposals within the flight zone;					Planning Town Council	Work with QDC to develop draft agreement for regulatory and legal review

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	- Maintenance of the seawall to minimize sediment flow to the bay; and - Development of zoning restrictions to regulate structure heights within the approach and departure areas for both runways.						
QBP.12.2.1	Support redevelopment of landside facilities in accordance with Rhode Island Airport Corporation's Quonset State Airport Master Plan					Planning	Maintain routine RIAC coordination
QBP.12.2.2	Town to participate with the Rhode Island Airport Corporation in the review of proposed long-term development options of shoreline parcels north and east of the airfield to ensure that use is consistent with the comprehensive plan.					Planning	Participate in RIAC task forces
QBP.13.1.1	Consider expansion of current high-speed ferry service to Martha's Vineyard and other ports to serve tourism-based travel.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.1.2	Support commuter ferry service to Providence, Fall River, and other Narragansett Bay and Mount Hope Bay destinations to provide transportation options for QBP workers, including transit-dependent workforce.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.2.1	Support RIDOT and QDC efforts for bike path construction within Quonset.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.2.2	Require connections between Quonset bike paths and proposed Wickford-Quonset bike path.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.2.3	Require bike path connections to paths at Calf Pasture Point and along streets north of Quonset.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.3.1	Encourage RIDOT to consider development of a commuter rail station (with transit oriented development) at West Davisville.					Planning	Draft letter of support to Director, RIDOT
QBP.13.3.2	Encourage state transportation officials and private transportation providers to consider passenger rail or light rail connections between West Davisville and Quonset, utilizing the Seaview Railway.					Planning	Coordinate with RIDOT, Seaview Railroad, and QDC
QBP.13.4.1	Encourage RIPTA to provide service to a QBP Gateway					Planning	Coordinate with RIPTA

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	transit hub, with connections to future shuttle service.						
QBP.13.4.2	Encourage RIPTA to provide service, which accommodates the needs of diverse work shifts currently in operation 24/7 at the QBP.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.5.1	Encourage QDC to require construction of sidewalks and bus shelters to facilitate use of transit options.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.13.5.2	Encourage development of shuttle service to connect a transit hub at the Gateway with QBP businesses and other attractions and destinations along Post Road and in Wickford. Consider shuttle bus service operation at the former Pease AFB in New Hampshire as a model.					Planning	Research shuttle bus service operation at the former Pease AFB in New Hampshire as a model.
QBP.13.5.3	Encourage shared use of parking and other transportation demand management strategies to reduce need for excessive parking fields. This would help reduce the need to accommodate vehicles for workers at two shifts during shift change.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.14.3.1	Require QDC work with adjacent residents and neighborhoods to mitigate impacts of transportation improvements.					Planning	Coordinate with QDC
QBP.15.1.1	Encourage commercial and industrial uses that respect the existing natural features of the Town and its environment.					Planning	Plan review
QBP.15.1.2	Take appropriate steps to ensure air quality standards are met during development of the QBP and at full build-out.					Planning	
QBP.15.1.3	Protect designated environmentally sensitive property.					Town Council Conservation	
QBP.15.1.4	Protect view corridors.					Town Council Conservation	
QBP.15.1.5	Protect dark sky vistas, especially where reflected light on Narragansett Bay waters increases visibility from other shorelines around the bay.					Town Council Conservation	
QBP.15.2.1	Support QDC wetland restoration efforts.					Town Council Conservation	Coordinate with QDC
QBP.15.2.2	Continue to work with the Navy, US Army Corps of Engineers, and other federal and state agencies in site restoration of hazardous waste disposal sites through continued participation on the Quonset Restoration Advisory Board (RAB).					Town Council Planning	
QBP.15.3.1	Support activities related to the preservation of the Allen					Historic	

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On-going		
	Madison House.					Planning	
QBP.15.3.2	Encourage the linkage between tourism and historic resources.					Planning Historic	Plan review
QBP.15.3.3	Protect historic and archaeological resources.					Historic	
QBP.16.2.1	Consider reclassification of RIDEM water quality to accommodate uses, which are consistent with CRMC water type and water dependent use and maintain existing high water quality.					Planning Harbor Commission	Coordination with QDC Provide comment to CRMC
QBP.16.3.1	Continue to encourage further remediation of the water quality at Allen Harbor.					Planning	
QBP.16.3.2	Ensure that waterfront uses do not negatively impact the Allen Harbor-Calf Pasture Point area.					Planning	
QBP.16.3.3	Work to acquire the western side of Allen Harbor consistent with the Base Reuse Plan.					Planning	
QBP.16.3.4	Continue to budget implementation of Allen Harbor Calf Pasture Point Master Plan recommendations using the Capital Improvement Program.					Town Council	
QBP.16.3.5	Support habitat restoration efforts at Calf Pasture Point and other previously owned Navy sites.					Conservation	
QBP.17.1.1	The Town shall continue to work with the Navy, US Army Corps of Engineers, and other federal and state agencies in site restoration of hazardous waste disposal sites through continued participation on the Quonset Restoration Advisory Board (RAB).					Planning Water	
QBP.18.2.1	Work with QDC to maintain the CRMC public access plan and increase access as needed to compensate for future waterfront development.					Planning	
QBP.18.3.1	Coordinate in the future with QDC regarding potential leases for recreational fields for organized sports.					Planning Recreation	Initiate discussions with QDC as need arises
QBP.18.3.2	Coordinate with QDC and RIDOT for bike path development.					Planning	Form transportation committee with Town and QDC representation to address transportation issues
QBP.18.3.3	Coordinate with QDC/Navy regarding transfer of waterfront parcel at Allen Harbor.					Planning Town Council	Maintain coordination with QDC and regulatory agencies
QBP.18.3.4	Town to consider sustainable options to maintain the municipal golf course that minimize the use of potable water. Options may include the following: developing a new well in groundwater which is not suitable for drinking water (Class SB groundwater); beneficial reuse of reclaimed wastewater treatment plant effluent; or night watering to					Recreation Planning Groundwater Water	Conduct a study to determine sustainable watering practices

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	avoid daytime peak water demand hours and to minimize evaporation.						
QBP.18.4.1	QDC to maintain Town access to Allen Harbor, Calf Pasture Point, municipal golf course and any other publicly accessible recreation areas.					Planning	
QBP.19.1.1	Investigate the merits of expansion of sewer services and alternative wastewater management systems that would permit increased density to support multi-family and high-density single-family developments and commercial development along Post Road.					Planning Water Town Council	Conduct wastewater facilities plan update Maintain coordination with QDC regarding sewer extensions
QBP.19.1.2	Investigate formation of a North Kingstown Sewer Authority to work with QDC to administer infrastructure construction, operation, and billing for expansion of the QDC wastewater facility service area to Post Road Growth Center.					Planning Water Town Council	Maintain coordination with QDC regarding sewer extensions
QBP.19.1.3	Designate commercial and industrial land where adequate infrastructure and services are available or are scheduled for improvement or provision.					Planning Town Council	Consider sewer extensions to serve designated uses on Post Road corridor
QBP.20.1.1	Town staff to work with QDC staff to assess the potential to accommodate residential use along Post Road and West Davisville as an important part of business park development.					Planning	QDC coordination
QBP.20.1.2	Support amendments to the <i>Quonset/Davisville Port and Commerce Park Master Plan</i> and <i>Quonset Business Park Development Package</i> to enable high quality mixed use, specifically including office, commercial and small scale retail use.					Planning Economic Development Town Council	QDC coordination
QBP.20.2.1	Support opportunities for mixed use development at the Gateway.					Planning Town Council	Present Comprehensive Plan Update to QDC and discuss
QBP.20.2.2	Support opportunities for Transit Oriented Development at West Davisville.					Planning Town Council	Present Comprehensive Plan Update to QDC and discuss
QBP.20.2.3	Support opportunities for mixed use at Allen Harbor waterfront.					Planning Town Council	Conduct study to assess residential development on Town property
QBP.20.3.1	Consider requiring all residential development at West Davisville have minimum components of workforce and affordable housing.					Planning Town Council	Present Comprehensive Plan Update to QDC and discuss
QBP.20.3.2	Consider mixed use to ensure a vibrant community which encourages walkability, provides a range of neighborhood goods and services, encourages shared use of parking or other strategies to reduce parking requirements, and may include structured parking to reduce permeable surfaces.					Planning Town Council	Present Comprehensive Plan Update to QDC and discuss

REF.NO.	ACTION	TIMEFRAME				RESPONSIBLE AGENT(S)	WORK PLAN
		6mo	6mo - 2yrs	2yrs - 5yrs	On- going		
	Work with RIDOT, RIPTA and QDC to ensure transit service (commuter rail, bus or shuttle bus to Gateway and other QBP destinations). Emphasize the importance of good design and public open space to ensure development is an asset to the community.						
QBP.20.3.3	Consider a range of housing prices, rental and ownership options, diversity of residential density, and mixed use in accordance with transit-oriented development.					Planning	Present Comprehensive Plan Update to QDC and discuss
QBP.20.3.4	Consider high-density residential and mixed use as a buffer between intensively used industrial parcels and adjacent single family and multifamily neighborhoods.					Planning Town Council	Present Comprehensive Plan Update to QDC and discuss

XII. Glossary of Terms

Glossary of Terms

Alternative Modes of Transportation All modes of transportation serving the general public that is appropriate for the transport of people, commodities, or freight by rail, air, water, or other conveyance, exclusive of highways, wires, and pipelines.

Architecturally Distinctive Building structure and design that is suitable, harmonious and in keeping with the general appearance, historic character, and/or style of surrounding areas, but also presents a high quality example of the building typology.

Arterial Highway According to the Federal Highway Administration, a primary or principal arterial is defined as carrying the major portion of trips entering and leaving the area, as well as the majority of through movements for intra-area travel between major centers, such as city and town centers, and the major recreation areas.

Cluster A site planning technique that concentrates buildings in specific areas on the site to allow the remaining land to be used for recreation, common open space, and/or preservation of environmentally, historically, culturally or otherwise sensitive features and/or structures. The techniques used to concentrate buildings shall be specified in the ordinance and may include, but are not limited to, reduction in lot areas, setback requirements, and/or bulk requirements, with the resulting open land being devoted by deed restrictions for one or more uses. Under cluster development there is no increase in the number of lots that would be permitted under conventional development except where ordinance provisions include incentive bonuses for certain types or conditions of development.

Conservation Development A type of cluster land development project, which conserves open land, protects site features and provides flexibility in the siting of structures, services and infrastructures.

Community Advisory/Awareness Panel A group of volunteers representing residents, industry and the public sector working together to build an alliance between the Quonset Point/Davisville Port and Commerce Park and the North Kingstown community.

Design Guidelines A set of discretionary standards structured by public policy and specific location goals, which include design and performance criteria that guide planning and land development to achieve a desired level of quality for the physical environment.

Easements The right to use property by a non-owner for specific purposes (including but not limited to conservation, maintenance, utilities, or habitat protection) or to gain access (pedestrian or vehicular) to another property.

Environmental Criteria/Constraints Natural features, resources, or land characteristics that are sensitive to change and may require conservation measures, the application of special development techniques to prevent degradation of a site, limit development, or, in certain instances, preclude development.

Growth Center A planned location for more intensive, mixed-use development supported by existing and improved infrastructure and selective zoning relief to create a high-quality community center based on traditional design (see definition of *village*).

Hazard Mitigation Plan A set of actions and policies designed to reduce the impacts on people and property of naturally occurring disasters, which provide the following benefits:

- A Hazard Mitigation Plan can expedite the approval process for receiving money after a federally declared disaster through the FEMA Post-Disaster Hazard Mitigation Grant Program (HMGP).
- Disaster preparation can have enormous benefits in lessened loss of life, economic and social impacts, and post-disaster recovery time.
- A Mitigation Plan can be counted towards credit points in FEMA's Community Rating System (CRS). Points are awarded for having the plan, as well as for going through the various steps involved in creating the plan, including community involvement and coordinating with other agencies. The higher a community's CRS score, the greater the discounts provided on individual property owner's National Flood Insurance Program (NFIP) premiums. Currently, North Kingstown has a CRS rating of 9, which entitles property owners a 5% discount on their flood insurance.
- FEMA's Pre-Disaster Mitigation (PDM) grant program and Flood Mitigation Assistance (FMA) program provide grants for activities designed to mitigate the effects of floods and other disasters in a community. Funds from these grants can go to acquisition, relocation, and retrofitting of structures.

Impact Analysis A process for estimating and reporting the effects of residential and nonresidential construction on a local community. These measures include but are not limited to the environment, transportation, schools, municipal services and facilities and financial impacts.

Infill Development The development of vacant, usually single, parcels of land in an otherwise built-up area. Infill development provides an attractive alternative to new development by reducing loss of critical and resource lands to new development, and by focusing on strengthening older neighborhoods while reducing the cost of extending infrastructure into newly developing areas.

Lay-down Area An area where materials are stored.

Municipal Services Boundary The boundary shown on the 2025 Statewide Land Use Plan, as amended, which indicates the current limits of urban infrastructure and the area for new state investments.

Natural Carrying Capacity A measure of the ability of an area to accommodate growth and development within the limits defined by existing infrastructure and natural resource capabilities to accept inputs and impacts.

New Urbanism As promoted in the Charter of the *Congress for New Urbanism*, New Urbanism supports the following principles: neighborhoods should be diverse in use and population; communities should be designed for pedestrians and transit as well as automobiles; cities and towns should be shaped by physically defined and universally accessible public spaces and community institutions; and urban places should be framed by architecture and landscape design that celebrate local history, climate, ecology, and building practice.

150' Greenbelt For the purposes of the Comprehensive Plan, a 150' greenbelt, where no disturbance or clearing of land is permitted has been designated along all bodies of water. The greenbelt is considered a best management practice and is not construed as a land use definition nor is it in itself an indicator of public access.

Pedestrian Radius A 1/4 to 1/2 mile radius maintained around a location within which walking can be encouraged as an alternative means of transportation.

Performance Standards A verifiable, measurable set of criteria relating to meeting standards for design and operation that a particular use or process must either meet or may not exceed. Performance standards may apply to architectural and site design, use, management, environmental conditions, impact assessment, financial and job performance. Properly constructed, performance standard documents contain:

- Goals specific to the area of performance;
- Determinants of Compliance;
- Assessment Options
 - o Measurements
 - o Condition Indicators; and,
- Procedures.

Planned Unit Developments The PUD district is a zoning district designed to provide an alternative to suburban development standards and which is intended to:

- Encourage the development of traditional village centers that provide for a creative mixture of uses, including residential and business, that enhance the quality of community life through careful planning and development without compromising the protection of resources such as ground water and open space;
- Reduce initial development costs and preserve areas for common use by reducing standard minimum lot size and setback requirements;
- Preserve the character of surrounding neighborhoods and enhance the physical appearance of the area by preserving natural features and existing vegetation;
- Provide for recreation and open areas;
- Promote economical and efficient land use, which can result in smaller demands for public facilities, utilities and streets;
- Allow for the creative development of businesses that serve the planned unit development and surrounding areas and reduce the demand upon the automobile for access to businesses;
- Provide an appropriate and harmonious variety of housing and creative site design alternatives that encourage innovative development;
- Promote energy conservation by optimizing the orientation, layout and design of structures to take maximum advantage of solar heating/cooling schemes and energy-conserving landscaping;
- Provide a procedure which can relate the type, design and layout of development to a particular site and the particular demand for housing and other facilities in a manner consistent with the preservation of property values within established residential areas;
- Ensure that a large development will have adequate public services and facilities by coordinating and sharing costs with the developer; and
- Comply with the North Kingstown Comprehensive Plan.

(See also New Urbanism, Traditional Neighborhood Development, and Transit Oriented Development for related definitions)

Primary and Secondary Conservation Areas This category of conservation areas typically consists of wetlands, lands that are generally inundated (under ponds, lakes, creeks, etc), land within the 100-year flood plain, slopes exceeding 25%, and soils subject to slumping.

Residential Compound Land development restricted only to single-family household dwellings at densities half to a quarter of that which is normally permitted for conventional subdivision, in estate-type lots at low overall density.

Sketch Planning Process An informal process undertaken by an applicant and local planning staff during the early, pre-application stages of the planning process through which alternative approaches to developing a parcel are discussed.

Traditional Neighborhood Development TND is a village-style concept promoting vibrant mixed-use neighborhoods with higher densities and a range of complementary uses. TND is characterized by compact pedestrian-oriented developments that provide a variety of uses, diverse housing types, and are anchored by a central public space and civic activity. TND is based on the principle that neighborhoods should be walkable, affordable, accessible, distinctive, and true to the significant historic context of each community. The following are commonly features of TND:

- Parks, schools, civic buildings, and commercial establishments located within walking distance of homes;
- Residences with narrow front setbacks, front porches, and detached rear garages or alley-loaded parking;
- Network of streets and paths suitable for pedestrians, bicyclists, and vehicles
- Narrower streets with crosswalks, streetscaping, and other traffic-calming measures;
- In-scale development that fits the local context; and,
- Buildings oriented to the street with parking behind.

Transfer of Development Rights A program that can relocate development from areas where proposed land use or environmental impacts are considered undesirable (the "donor" site) to another ("receiver") site chosen on the basis of its ability to accommodate additional units of development beyond what it was zoned for with minimal environmental, social, and aesthetic impacts.

Transit Oriented Development A TOD project locates development within walking distance of public transit, usually bus or train transit, to reduce vehicle traffic and take advantage of adjacencies, and is typically designed according to the following criteria:

- Mixed Use;
- Moderate to High Density, 7+ units/acre;
- Mobility choice;
- Pedestrian connectivity;
- Reduced parking ratios;
- High quality design; and,
- Usable public open space.

Transportation Corridors A broad geographic area, defined by logical, existing and forecasted travel patterns served by various modal transportation systems that provide important connections within and between regions of the state for people, goods, and

services. Travel within the corridor may be vehicular, rail, transit, water, air, or non-motorized.

Viewshed The primary area, which can be viewed from a defined observation point. To determine the extent of the viewshed, important vantage points and significant features should be identified. The area that can be seen from those points should be designated as the viewshed.

Village A relatively small clustered settlement that is typically residential in nature, with community related services such as post office or church, and often has the following characteristics:

- Location at a crossroads;
- Built at a human scale;
- Small, compact development pattern;
- Contains small or narrow lots;
- Pre-twentieth century in origin; and,
- Originated around a mill, general store, tavern, family farmstead or other central feature.

Village Circulation Improvement Zone An area within and around a village that provides a variety of pedestrian, parking and vehicular improvement strategies. These strategies should minimize automobile trips and enhance pedestrian and bicycle movement, and transit. Such strategies can include: the provision of on-street parking to buffer pedestrians from through traffic; provision of sidewalks or roadway shoulders for pedestrian and bicycle travel; provision of pedestrian amenities, including shade, places to sit and rest, drinking fountains or gathering places; provision of a mix of land uses within a pedestrian radius; and provision of transit stops, including shelters if ridership warrants.