



## Rhode Island Recreation Acq. & Dev. Grant Program

### *2011 Large Grant Application*

#### PROJECT SPONSOR:

1. **Applicant's Name (Municipality):** Town of North Kingstown

2. **Project Facility:** Calf Pasture Point

**Location (Street Address):** Pettee Avenue and Finn Street  
Plat 195 Lot 1

3. **Contact Person:** N. Kim Wiegand, P.E.  
Town Engineer

4. **Address:** 2050 Davisville Road,  
N. Kingstown, RI 02852

5. **Telephone:** 401-268-1500 X 640

6. **FEIN #** 05-6000271

7. **Target Dates:** Start: May 2012      Finish: August 2012

8. **Project Type:**

Development of new facilities:

- Fitness Stations
- Picnic area
- Interpretive signage
- On road shared bike lane

Rehabilitation of existing facilities:

- Reconstruct former Navy roads and associated infrastructure for bicycle/ pedestrian trails
- Add handicapped accessibility

## **9. Project Description:**

This project is intended to develop handicapped accessible, safe bicycle and pedestrian-friendly trails. The trails will also expand the existing Quonset Development Corporation bicycle path by connecting it to a proposed town owned bike path. The town will also analyze the possibility of connecting the Mount View neighborhood to Goddard Park through an on road shared bike lane. The project will provide access to the Calf Pasture Point beach, historic and archaeological sites and spectacular vistas. In addition, recreational amenities such as benches and interpretive signage as well as fitness stations will be incorporated on site.

## **10: Explain what new facilities will be developed or existing facilities that will be renovated.**

Two existing, former Navy roads will be reconstructed for bicycle and pedestrian use. The longest, Sanford Road is asphalt pavement in poor condition; it will be resurfaced with asphalt and have benches, signage, improved access, fitness stations and a picnic area added.

The other road, Magazine Road, is mostly gravel, some pavement and rutted dirt. It will be regraded and treated with stone dust over the gravel to provide ADA standard accessibility. Interpretive signs will be installed adjacent to the archaeological site and at the end of the trail at the beach. Benches will be added at the end of Magazine Road Trail and at the intersection of Sanford Road and Magazine Road Trails.

New fencing will be installed along Pettee Avenue. Two new access points will be provided. One will be at the intersection of Lincoln Street and Pettee Avenue. A gate will be also installed there for maintenance equipment access. The other opening in the fence will be at the end of Pettee Avenue opposite Allen Avenue. The end of Pettee Avenue will be restored to mitigate existing erosion from uncontrolled access. The project will restrict vehicular access while providing pedestrian access. The eroding, deteriorated asphalt loop at the end of Sanford Road will be removed and relocated away from the beach.

Three fitness stations will be installed on Sanford Road Trail at the intersection of Pettee Avenue and Finn Street, off Pettee Avenue east of Allen Avenue and at the end of the trail by Narragansett Street. Picnic tables will be installed at the Narragansett Road end of Sanford Road Trail, at the beach.

The Town will analyze the feasibility of connecting the Mount View neighborhood adjacent to Calf Pasture Point to Goddard Park in Warwick through an on road shared bike path. Directional signage at key intersections and striping will be added where appropriate.

The Town will apply for a CRMC maintenance certificate.

The following attachments included are:

- Locus map
- Trails plan
- Photographs of existing conditions
- Calf Pasture Point Master Plan

## **COSTS / FINANCIAL DATA**

### ***Estimate of Project Costs by Element:***

Land Acquisition:	\$0
Architectural / Engineering Fees:	\$10,000
Feasibility of On-road bike path:	\$30,000
Demolition / Removal Costs:	\$3,300
Development Construction Costs:	\$55,616
Other Costs: Material costs and materials installed by contractor:	\$165,074
<b>Total Costs:</b>	<b>\$263,990</b>

### ***PROPOSED FUNDING SOURCES:***

<b>State:</b>	Rhode Island Open Space Grant:	\$132,895
<b>Local:</b>	Appropriation:	\$ 86,249
	In-kind Services:	\$ 44,846
	** may not exceed 25%	(20%)
	Other: n/a	
<b>Total Funding:</b>		<b>\$263,990</b>

### **Public Participation:**

Renovation of existing facilities or new facility development less than \$25,000 (Grants) shall require the consent of the local governing body.

Projects in excess of \$25,000 (Grants) shall require public notice and at least 1 public hearing or meeting held not more the 120 days prior to the grant submission.

Date of Public Meeting or Hearing: **November 21, 2011**

Date of Town/City Council meeting approving submission of this application: **November 21, 2011**

## SECTION A – PLANNING CONSISTENCY

### 25 Points Available

#### 1. **Local Planning Consistency: (10 Points)**

*The proposal satisfies priority needs documented in the Community Comprehensive Land Use Plan and conforms to the plan's acquisition and development schedule for project priority, timeline and cost. Identify the neighborhood or community needs for this project by citing references from the local plan.*

The trail improvements and recreational amenities proposed in the area of Calf Pasture Point are supported throughout many of the elements of the North Kingstown Comprehensive Plan. The clearest support is demonstrated in the adoption of the Allen Harbor Calf Pasture Point Master Plan (AHCPPMP) as an amendment to the comprehensive plan. The master plan for the Calf Pasture Point area specifically recommends the following actions: Widen and repair main access roads, install signage, pedestrian entrances and benches, reconstruct walking trails, and seek funds and grants for recreational uses. These actions are all consistent with the proposed improvements and most were recommended for implementation in a 5 – 10 year timeframe (from the year 2000). In addition to the master plan, several of the other elements speak to the need for increased public access to the shoreline, implementing the AHCPPMP, and developing a network of bikeways and pedestrian paths. The following goals, objectives and actions highlight these issues: 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; 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.2.8.4 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; Objective OS.1.5 Connect protected open space areas to create an open space network (i.e., “greenbelt”); 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.2.1.3 Provide adequate community park facilities - Implement recommendations of Calf Pasture Point Master Plan; Goal OS.3 Ensure adequate access to all open space and recreation areas; 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.13.2.3 Require bike path connections to paths at Calf Pasture Point and along streets north of Quonset; Action QBP.16.3.4 Continue to budget implementation of Allen Harbor Calf Pasture Point Master Plan recommendations using the Capital Improvement Program and Objective QBP.18.2 Require public access to the shoreline of Narragansett Bay at QBP.

## **2. State Planning Consistency: (10 Points)**

*The project satisfies priority needs documented in the State Comprehensive Outdoor Recreation Plan (SCORP), Greenspace and Greenways Plan and any other State Guide Plan elements identified by the RRRC. Points will be awarded based on the number and/or importance of recommended actions supported by the proposal. Cite Plans and References.*

The proposed trail improvements and amenities for the Calf Pasture Point complex are consistent with several of the goals and policies outlined in the SCORP and Greenspace and Greenways Plan. The following are some of those goals and policies: Goal 1 - Building the Greenspace Network. Preserve and Protect Natural and Cultural Resources Rhode Island which will strengthen and expand the statewide network of Greenspaces and Greenways, with natural and cultural resources and outdoor recreation areas as major features of the network. The plan highlights the importance of the greenspace network for outdoor recreation linked by greenways “to create the “green infrastructure” framework around and within which our future communities are designed and built”. This project will help further that goal. Goal 2 - Meeting Critical Needs - Improve Recreation Opportunities and Resource Conservation Rhode Island will improve its system of outdoor recreation facilities and conservation areas to meet the needs of its citizens. Goal 2 Policies: Provide a diverse, balanced system offering quality recreational opportunities that meet user needs; Preserve and expand public access to the shoreline; Improve and expand opportunities for recreational use of saltwater beaches; Maintain and expand the state’s network of trails and pedestrian paths, in natural and built areas; Strengthen and expand community-based recreation facilities and open spaces to meet close-to-home needs (also referenced in RCOS 21); Maintain and expand active and passive greenspace facilities in densely developed neighborhoods and districts throughout the state. This project will be located directly adjacent to a densely developed neighborhood which contains approximately 275-300 single family homes, as well as extending the Quonset Development Corporation multi-use path and will provide opportunities for walking, biking, use of fitness stations, and enjoyment of the nearby natural resources and the shoreline. As noted in the SCORP as it relates to greenspaces, greenways can integrate recreational opportunities and open space into the communities and play an important role in improving the accessibility of recreation to all users. This allows recreation activities to be incorporated into everyday life. The SCORP also emphasizes that facilities such as commercial centers, office plazas, and industrial parks should include recreational amenities in their projects. This proposed project would also provide an alternative mode of transportation system and bolster healthier lifestyles as called for in the SCORP. Goal 3 - Policies: Insure a system that is accessible to all potential users; and Develop and maximize opportunities for education within the greenspace system about the system and its specific resources. Policy RCOS 13: Preserve and expand public access to the shoreline and Policy RCOS 14 : Improve and expand opportunities for recreational use of saltwater beaches. This will provide direct access to the shoreline and Narragansett Bay as well as the mile long beach along Calf Pasture Point. Policy RCOS 19: Maintain and expand the state’s network of trails and pedestrian paths, in natural and built areas. The SCORP also speaks to the need for recreation facilities to serve all segments of Rhode Island's population, including those with special needs, such as the elderly and people with disabilities. The proposed bicycle and pedestrian paths will be handicapped accessible.

A public survey was conducted as part of the SCORP to help determine citizen usage, satisfaction, needs and priorities for outdoor recreation. The results of this survey showed the five top activities, in terms of total demand, are walking, pleasure driving, visiting coastal areas, nature watching, and bicycling. According to the survey, among the facilities noted as the top “unmet needs” of the general public are walking and biking trails, natural areas/wildlife habitats, picnic shelters and areas, and saltwater beaches. The improvements proposed as part of this application will address some of these top activities as well as the unmet needs.

The proposed project is also consistent with the Greenways and Greenspace Plan. The following policies will be advanced through the implementation of this project: P-2 Promote public access to and usage of the greenspace system, wherever feasible and consistent with protection of the system's resource values; T-2 Accelerate development of the statewide bikeway network component of the greenspace system to provide a low-energy-use, low-polluting transportation option for Rhode Island. T-3 Plan and develop a statewide, interconnected system of state, local, and/or private walkways. T-4 Encourage community and volunteer efforts in planning, designing, constructing, and operating/maintaining trails and bikeways as a means to reduce cost and accelerate completion of the statewide bikeway/trail network.

3. ***Applicant Priority: (5 Points)***

*The applicant's highest priority application will receive 5 points. Additional application will receive progressively fewer points.*

This is the Town's highest and sole priority.

## **SECTION B -- OPERATION AND MAINTENANCE**

### ***10 Points Available***

**1. *Operation & Maintenance Requirement: (5 Points)***

*Explain the operation and maintenance needs, including budget, equipment and labor for the proposed project. Explain how the municipality will fund the maintenance.*

The project would require maintenance consisting of annual clearing and cutting back of brush, mowing and litter pickup. Longer term maintenance includes pavement preservation, fence replacement, gate installation and replacement of signage. Except for replacement of interpretive signs, all other maintenance work would be performed in-house by the Department of Public Works (DPW) staff.

Equipment required is the brush-cutter, mowers, pavement box and sign-making equipment. The DPW Facilities Department has 5 employees; the Highway Department has 15 employees who would fulfill labor responsibilities. These positions are currently in the proposed 2012 budget as well.

**2. *Maintenance Record: (5 Points)***

*Explain applicant's maintenance of other outdoor recreation facilities in the municipality.*

Maintenance of other outdoor recreation facilities in Town is the responsibility of the Facilities Department, a section of the DPW. Some aspects of recreation facilities to do with pavement, fencing, drainage and signage are tasks routinely performed by the Highway Department

The Town has 4 multi-use parks, which include playgrounds, baseball/ softball fields, soccer fields, basketball, football and tennis. The budget for the Facilities Department is \$722,819 which includes personnel and maintenance items.

## SECTION C – BONUS FEATURES

### *22 Points Available*

1. ***The project addresses multi-community or regional needs. (3 points)***

The potential for an on road shared bike path connecting the Mount View neighborhood north of Calf Pasture Point to Goddard Park in Warwick will address multi community and regional needs. The West Bay Bikeway study completed in the mid-1990s proposed a north-south link between Narragansett and North Kingstown, ideally ending via local roads in Goddard Park. Providing an extended Quonset bike path through to Calf Pasture Point and incorporating an on the road bike path utilizing local roads into Warwick will provide another link in this future path. There is an existing striped road bike lane along Route 1A from Narragansett to the North Kingstown Town Hall. The town has studied the possibility of extending this bike path through Wickford north to Quonset where it would connect to the Quonset bike path. The Town has also submitted a TIP application to the Transportation Advisory Committee to further this connection along the Post Road corridor.

2. ***The project is part of a multi-phase project with a Master Plan. (3 Points) (Master Plan must be submitted with the application)***

The town adopted the Allen Harbor Calf Pasture Point Master Plan (AHCPPMP) as an amendment to the comprehensive plan in the year 2000. This plan provides the town with a vision of what the area could be utilized for in the future not only for active and passive recreational use but also for boating activities. This plan reflects the desires and needs of the community and users of the area. Some of the recommendations from this plan include the following: Widen and repair main access roads, install signage, pedestrian entrances and benches and reconstruct walking trails all within and leading into the Calf Pasture Point area. The master plan also encourages the town to seek funds and grants for recreational uses. These actions are all consistent with the proposed improvements and most were recommended for implementation in a 5 – 10 year timeframe (from the year 2000). The policies and recommendations of this plan are included in the Town's current Comprehensive Plan. The entire AHCPPMP is attached.

3. ***The project will improve the economy of an area. For example, the project spurs job creation, town center redevelopment or development of a facility in an area identified for revitalization in State or community programs. (5 Points)***

The expansion of this existing bike path will assist in the redevelopment of the Quonset Business Park and the Post Road Corridor Plan redevelopment through the addition of other recreational amenities and other modes of transportation throughout the corridor area. This will also tie in nicely with the Town's plans for a bike path from Quonset to Wickford.

4. ***Project includes redevelopment of a Brownfield as defined by DEM Remediation Regulations. (5 Points)***

Calf Pasture Point includes an Environmental Land Use Restriction on the southern portion of the site. As long as the underlying membrane cap is undisturbed, there is no risk of exposure to contaminants left from the Navy. Current uses of bicycles and other vehicles could cause erosion and damage the integrity of the capping material. Reconstruction of the roads will preserve the protection over the cap allowing safer use of the site. The Allen Harbor Land Fill, also adjacent to the site, will be undisturbed, but has fantastic scenic vistas of Narragansett Bay that can be utilized via the proposed bike path.

**4. Special or Innovative Design Features: (3 Points)**

*Examples include "green design" features e.g. recycled materials, water or energy conservation, preservation of an historical feature, landscaping or habitat restoration.*

The proposed fitness stations and benches will be made from eco-friendly materials such as recycled steel, post-consumer recycled HDPE plastic, or recycled wood or wood from Forest Stewardship Council (FSC) certified mills.

A small, prehistoric archaeological site was discovered in the Allen Harbor Calf Pasture Point complex several years ago. It represents a remnant of a workshop for the manufacture of wampum – tubular shell beads. The site is eligible for listing on the National Register of Historic Places. The location of this site is not public information due to the possibility of people digging and disturbing archaeological and historic information. This site would not be disturbed as part of this project. In addition, the Allen Harbor Rock Outcrop is located in the central portion of Calf Pasture Point off of Magazine Road. This outcrop is approximately 40 feet in elevation and provides a unique opportunity for enjoying excellent views of the point and distant views of Narragansett Bay.

**5. Exceptional Features: (3 Points)**

*The project has special features not noted elsewhere in the application. For example, promotes arts, tourism or special programming.*

The Allen Harbor Calf Pasture Point complex is an underutilized recreational resource that will be enhanced and highlighted through the improvements proposed as part of this project. Connecting into the already popular Quonset Davisville bike path will provide a natural user base for the proposed bike and pedestrian paths through Calf Pasture Point. The extension of the existing bike path will allow residents of the Mt. View neighborhood to easily connect to the Gateway shopping plaza at the entrance to the Quonset Business Park as well as the rest of Post Road. These sorts of connections have recently been highlighted by the Healthy Places By Design project (HPBDP) that is ongoing in North Kingstown. The mission of the HPBDP is to strengthen land use, transportation and urban design policies and ordinances that guide the decision making process for the built environment to be more supportive of health. Creating a more walk-able and bike-able community was one of the focus areas for this project. The proposed improvements at the Allen Harbor Calf pasture Point complex will certainly advance that goal.

As noted in the SCORP, greenways accommodate and foster health-promoting transportation alternatives, such as bicycling and walking. This proposed greenway will promote walking and biking as alternate modes of transportation as well. The bike path and walking trails to Calf Pasture Point and the shoreline will also be a destination for tourists visiting North Kingstown. This is particularly true for those staying in the nearby hotel located at the Quonset Gateway as well as those arriving by boat to the Allen Harbor marina.

## SECTION D – PROJECT MERIT

### **22 Points Available**

1. **Project is based on the need and/or demand for the proposed recreational activity in the area: (10 Points)**

*Project will address need for the type of recreational activity in the area. SCORP and Local Comprehensive Plan detail areas requiring additional recreation facilities.*

As noted above, the survey conducted as part of the SCORP showed that the five top activities, in terms of total demand, are walking, pleasure driving, visiting coastal areas, nature watching, and bicycling. According to the survey, among the facilities noted as the top “unmet needs” of the general public are walking and biking trails, natural areas/wildlife habitats, picnic shelters and areas, and saltwater beaches. The improvements proposed as part of this application will address these top activities as well as the unmet needs. In addition, several elements of the North Kingstown Comprehensive Plan speak to the need for increased public access to the shoreline, implementing the AHCPPMP, and developing a network of bikeways and pedestrian paths. Extensive public input through a questionnaire, public meetings and a project subcommittee also provided the essential public input into the creation of the Allen Harbor Calf Pasture Point master plan. As noted earlier, this plan called for the creation of wider access roads, the installation of signage, pedestrian entrances and benches, and the reconstruction of walking trails. In addition, the results of the HPBD project showed desire by local residents for more multi use paths and longer bike paths throughout the community and specifically showed preference for extending the Quonset bike path. Residents also extensive emphasized the desire to have more connectivity to recreational resources. These additional preferences are currently in the process of being added to the town comprehensive plan.

2. **Expanded Usage: (10 Points)** *The project adds recreational amenities or hours of usage (e.g. additional fields are added to a facility or lights are added so it can be used at nights)*

The proposed project will add new walking and biking trails, fitness stations and benches as well as interpretive signage. All of these components will expand the recreational opportunities in the area as well as enrich the recreational experience for existing and future users. At this time, access to and use of Calf Pasture Point is limited. The upgraded bike and walking paths and improved access to the site from the adjacent neighborhoods will allow for expanded recreational use of the area. In addition, the proposed fitness stations will provide a new opportunity for recreation that does not exist today.

3. **Multiple Uses: (5 Points)** *The project integrates a variety of recreational opportunities providing activities for a mix of age groups and degrees of physical abilities.*

The multiple uses are bicycling, walking, rollerblading and running. Benches accommodate the old and the young, fitness stations appeal to both youths and adults,

and the picnic area to families. The proposed greenspace network will provide access to, enjoyment and understanding of the outdoor environment for all.

- 4. Improved User Comfort or Safety: (5 Points)** *The project improves user comfort or safety such as the additional of sanitary facilities, fencing to separate recreational activities, benches, shade trees or shelters.*

Safety and comfort will be improved with the addition of access points and benches at Lincoln Street and Pettee Avenue as well as a picnic area at the beach. Fencing will be replaced to separate the road and the bicycle trail to keep the users safe from vehicular traffic on Pettee Avenue.

- 5. Equity, Service and Accessibility: (20 Points)** *The project will:*

- a) Expand recreational opportunities to disadvantaged segments of the population

The proposed bike path and walking trails will provide access to the shoreline for residents who live in Essex Village and Kings Grant. These two areas are located across from the Gateway complex adjacent to the Quonset Business Park. Residents of Crossroads Rhode Island have access to the Quonset bike path, and will also be able to utilize these coastal and open space resources. The entrance to the Quonset bike path is directly across the street from two of these areas, and a short walk from the third. All three of these areas contribute to the town's low and moderate income housing units and also provide housing for some of the town's elderly handicap and disabled population. Essex Village is classified as a Rhode Island Housing Section 8 development and provides 109 rental units. Kings Grant is classified as a HUD 236 development and provides 156 rental units. Crossroads Rhode Island is currently under a reconstruction project to refurbish 56 existing units and to add an additional 48 units. The proposed paths and trails will allow access from the Quonset bike path all the way to Narragansett Bay and the mile long beach of Calf Pasture Point.

- b) project is located within or provides service to a neighborhood identified in which low income and/or minority residents are over-represented

As noted above, the proposed bike path and walking trails will provide access to the shoreline for residents who live in Crossroads, Essex Village and Kings Grant. These areas are located across from the Gateway complex adjacent to the Quonset Business Park. The entrance to the Quonset bike path is directly across the street from two of these areas. All three of these areas contribute to the town's low and moderate income housing units and also provide housing for some of the town's elderly handicap and disabled population. Essex Village is classified as a Rhode Island Housing Section 8 development and provides 109 rental units. Kings Grant is classified as a HUD 236 development and provides 156 rental units. Crossroads Rhode Island will have 104 affordable housing units when construction is completed. The proposed paths and trails will allow access from the Quonset bike path all the way to Narragansett Bay and the mile long beach of Calf Pasture Point.

- c) project is located in a densely populated neighborhood or neighborhood identified for revitalization by State or community plan

The proposed improvements to the Allen Harbor Calf Pasture Point complex will be located directly adjacent to the Mount View neighborhood. This neighborhood contains approximately 300 single family housing units on lots ranging in size from 5000 to 13,500 square feet. This is one of the most densely developed neighborhoods in North Kingstown. Pettee Avenue runs parallel between the Mount View neighborhood and the Calf Pasture Point area. Residents of this neighborhood would have direct access into this 189 acre parcel.

- d) project is provides features which expand the recreational opportunities for physically challenged individuals ( such features to be in excess of normally mandated barrier-free accessibility standards)

The proposed bike path and walking trails will be designed to accommodate individuals with physical challenges. The extension of the Quonset bike path through Calf Pasture Point to the shoreline will provide those individuals the opportunity to enjoy the beauty of Narragansett Bay.

- e) The project is served by public transportation (within ¼ mile of a bus stop) or is proximate to a bikeway.

The proposed bike path and walking trails will provide an extension of the existing Quonset bike path. The existing bike path connects the Gateway development on Post Road to the town-owned property at the entrance to the Allen Harbor Calf Pasture Point complex. There is public transportation located along the Post Road corridor however the proposed bike path and walking trails are more than ¼ mile from any bus stops.