

Please complete this form and the project prioritization sheets on the following pages.

| | |
|---|---|
| CONTACT | Contact Information |
| | Applicant Name: <u>Bonnet Shores Fire District Land Trust</u> |
| | Contact Person (if different): <u>David H Stenmark</u> Title: <u>Land Trust Trustee</u> |
| | Mailing Address: <u>51 Pawnee Trail</u> |
| | City: <u>Narragansett</u> Zip Code: <u>02882</u> |
| Phone: <u>401-783-3541</u> Email: <u>dhsten@gmail.com</u> | |

| | |
|---------------|---|
| CERTIFICATION | Applicant Certification |
| | <u>David H Stenmark</u> <u>August 4, 2017</u> |
| | Contact Person Signature Date |

| | |
|--|---|
| CHECKLIST | Submittal Checklist |
| | <input type="checkbox"/> 3 collated copies of complete STIP submittal package, including: |
| | <input checked="" type="checkbox"/> Project Prioritization cover sheet |
| | <input checked="" type="checkbox"/> New Project Application Form for each new or updated project |
| | <input checked="" type="checkbox"/> 2-page narrative on evaluation criteria |
| | <input checked="" type="checkbox"/> 8.5" x 11" PDF map of project location |
| | <input type="checkbox"/> Email a copy of complete STIP submittal package to Michael.DAlessandro@doa.ri.gov or provide on a CD |
| <input checked="" type="checkbox"/> Submit complete STIP submittal package to: | |
| | Rhode Island Statewide Planning Program ATTN: Michael D'Alessandro One Capitol Hill Providence, RI 02908 |

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, AUGUST 11, 2017

FFY 18-27 STIP Application/Project Priority Form



Newly Proposed Projects *(Please use an additional sheet if necessary)*

| PROJECT PRIORITIZATION | Priority | Project Name | STIP ID |
|------------------------|----------|----------------------------------|---------|
| | 1 | Bonnet Shores Pedestrian Walkway | |
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FFY 18-27 Project Application Form



State Transportation Improvement Program

| | |
|----------------|---|
| CONTACT | Contact Information |
| | Applicant Name <u>Bonnet Shores Fire District Land Trust</u> |
| | Contact Person (if different) <u>David H Stenmark</u> Title <u>Land Trust Trustee</u> |
| | Mailing Address <u>51 Pawnee Trail</u> |
| | City <u>Narragansett</u> Zip Code <u>02882</u> |
| | Phone <u>401-783-3541</u> Email <u>dhsten@gmail.com</u> |

| | | | | |
|----------------------------|---|---|---|--|
| PROJECT INFORMATION | Type of Project <i>select all that apply</i> | | | |
| | <input checked="" type="checkbox"/> Bridge | <input type="checkbox"/> Pavement | <input type="checkbox"/> Drainage | <input type="checkbox"/> Planning |
| | <input checked="" type="checkbox"/> Traffic | <input type="checkbox"/> Transit | <input checked="" type="checkbox"/> Bicycle | <input checked="" type="checkbox"/> Pedestrian |
| | <input type="checkbox"/> Transportation Enhancement | <input checked="" type="checkbox"/> Other <u>Public Safety</u> | | |
| | Project Description | Was this project previously submitted during the FFY17-25 STIP development process? <input type="radio"/> Yes / <input checked="" type="radio"/> No | | |
| | | <i>If you selected no, please continue to the "Current Project Title" Section</i> | | |
| | | <i>If you selected yes, please answer the following:</i> | | |
| | | What was the Project Title? _____ | | |
| | | What was the TIP ID# assigned to the project at that time (4-digit number)? _____ | | |
| | | Current Project Title <u>Bonnet Shores Pedestrian Walkway</u> | | |
| | Location by Street Name <u>Bonnet Point Road</u> | | | |
| | Project Limits - From <u>Allagash/Bonnet Pt Rd intersection</u> To <u>Bonnet Shores Beach Club entrance</u> | | | |
| | <i>Please include an 8.5" x 11" map of the site, indicating project limits.</i> | | | |
| | Provide a brief description of the proposed project: | | | |
| | <p>Construction of a raised timber walkway parallel to the Bonnet Shores Causeway will be built on Bonnet Shores Land Trust land. The walkway will be +/- 1,300 feet long and will include all planning, design, permitting and construction costs reflected in this application. The paved causeway adjacent to the proposed walkway is nearly 100 years old and was reportedly constructed on unconsolidated soil over ("Matunuk Mucky Peat"). A 2016 RIDOT STIP proposal to reconstruct and widen this causeway to accommodate pedestrians was deemed not cost effective. This project is proposed as an auxiliary project to provide a safe pedestrian/bicyclist alternative to navigate the shoulder less, narrow 2 lane, 19' wide roadway competing with heavy vehicular traffic.</p> | | | |

Describe need for proposed project:

This project addresses a serious public safety issue: pedestrians and bicyclists safety. Numerous assessments by RIDOT and Narragansett officials have concluded that there is no cost effective way to widen the causeway to accommodate non-vehicular traffic. The best/only solution is to move all pedestrian/bicycle traffic off the narrow, heavily traveled roadway to a secure buffered walkway constructed parallel to it. The Town of Narragansett, CRMC and DEM see merits of this project.

This project is an auxiliary project to be done in conjunction with the Town of Narragansett repaving, stabilizing and strengthening the 19' wide paved causeway.

Describe anticipated municipal or state transportation network or economic development benefits:

The 920 households in the densely populated Bonnet Shores community use this causeway regularly to walk and bicycle within the community. The safety and quality of life of the +/- 2,600 residents will be greatly enhanced. The walkway abuts the Bonnet Shores Beach Club. Members of this commercial enterprise will have full access to the walkway enhancing the experience of its 3,000 to 4,000 members and families. Moving all non-vehicular traffic off the roadway also provides an unimpeded flow of motor vehicles over the causeway. The walkway will also provide safe passage and access to Kelly Beach for residents and guests. THIS APPLICATION WAS PRESENTED BEFORE THE NARRAGANSETT COUNCIL ON AUGUST 7, 2017.

Is the project consistent with the local Comprehensive Plan? Yes No

Has the project been the subject of a properly conducted municipal public hearing? Yes No

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

Evaluation Criteria

CRITERIA

Please address the following topics as they relate to the project. Refer to "An Overview of TIP Guiding Principles" for more information. Submission **must not exceed 2 pages**, single-spaced, 12-point font.

1. Mobility Benefits
2. Cost Effectiveness
3. Economic Development
4. Environmental Impact
5. Supports Local and State Goals
6. Safety and Security
7. Equity

Project Estimates

PROJECT ESTIMATES

| | ROW | Study | Design | Construction | Total |
|-------------------------|-----|--------------|--------------|---------------|---------------|
| Estimated Project Costs | | \$ 10,000.00 | \$ 45,000.00 | \$ 840,000.00 | \$ 895,000.00 |

Amount Requested through TIP Process **\$ 595,000.00**

Is there funding from other sources committed to this project? Yes No

| Source | Amount |
|---|---------------|
| Bonnet Shores Fire District Land Trust Fund Raising | \$ 300,000.00 |
| | |
| | |
| Total | \$ 300,000.00 |

Estimated date of construction 09/01/2019

Municipal Applications

I attest that the information provided on this application is true and accurate.

Chief Executive or Elected Municipal Official Signature _____ Date _____

Non-Municipal Applications

I attest that the municipality in which the project is located has been notified of the proposed project.

Chief Executive or Elected Municipal Official Signature _____ Date 8/7/17

JAMES M. MAWRI
TOWN MANAGER

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, AUGUST 11, 2017

TIP Evaluation Criteria

Mobility Benefits:

Bonnet Point Road serves as one of two minor arterial Public roadways carrying traffic between the outer Bonnet Shores peninsula and Route 1A. While no traffic counts are available through RIDOT, the Town of Narragansett staff estimates between 1,600 – 3,200 vehicles trips per day are generated by properties located in this area. These numbers more than double in the summer when the Bonnet Shores Beach Club (BSBC) is open to its 900+ cabana owners. The Town Planning Staff estimates the ambient ADT to be 2,500 and the summer ADT to be 5,000.

This road and that approximately 2,000 foot long section of Bonnet Point Road known as 'the Causeway' carries a great deal of vehicular traffic with an equal number of pedestrians including families with carriages, elderly and bicyclists who use this roadway for exercise and access to Bonnet Shores "Kelly" beach. Constructing the proposed elevated walkway thereby removing the pedestrians and non-motorized vehicles from the roadway, will provide a safer and uninterrupted flow of pedestrian and vehicular traffic. This walkway will satisfy a long standing concern of the Town of Narragansett regarding the current public safety issue of pedestrians sharing a busy narrow roadway. The walkway will promote increased walkability and bikeability of existing residents and the general Public. Parking spaces (three at either end of the walkway) on Land Trust owned land are planned to be provided at either end of the walkway to provide access to the general public to the scenic views of Wesquage pond.

Cost effectiveness:

The current 'causeway' is less than 20 feet wide with no sidewalks or walkways for pedestrians, which is below current roadway standards for a 2 lane road. The alternate solution would be to widen the existing roadway to current standards and provide a 'sidewalk' area for pedestrians. This would require extensive engineering studies, satisfying environmental requirements and extensive construction. The existing roadway was constructed on unconsolidated soil over "Matunuck Mucky Peat" as defined by the 1982 RI Soil Report. Widening this road would require the addition of approx. 3,000 to 4,000 cubic yards of road supporting fill which would have a major impact on the existing ecosystem. A conservative estimate to proceed with this alternative would be in excess of 20 Million dollars and would be mired with ecological opposition. The proposal presented here is the most efficient, cost effective solution to a long standing public safety concern.

Economic Development:

This project would be an enhancement to the Bonnet Shores community and the general public to attract visitors to enjoy a safe walking experience along a natural nature habitat by providing parking for those who wish to enjoy the Wesquage pond experience. The walkway will have 2 overlook walkways extending into the waterway. The proposed walkway will provide a safe access to Kelly Beach for residents and visitors.

Environmental Impact:

The removal of pedestrians from the roadway will reduce the stop and go traffic and reduce fuel consumption of vehicles. The walkway will introduce scenic view previously not available to pedestrians.

Support Local and State Goals:

This project would satisfy the Town of Narragansett's long has long standing concern with the public aspect of this section of roadway. The resident of Bonnet Shores are in full support of this project and look forward to a resolution of the long standing public safety aspect of traversing the 'causeway'.

Safety and Security:

In addition of the public safety issues as stated above, removing the pedestrians and non-motorized vehicles from the roadway, will allow better access via the roadway for emergency, fire and police vehicles responding to emergencies within the community and Beach Club members.

Equity:

There is a growing number of 65+ year old residents who use this route on a regular basis for exercise and sightseeing. This walkway will provide safe passage on this preferred walking/biking route for all including persons with a disability. Parking spaces will be provided for the visiting public who wish to enjoy the wildlife of Wesquage pond and safe access to Kelly Beach.

PROPOSED SITE PLAN



| ROBERT POINT ROAD | |
|-------------------------|-----------------|
| DESCRIPTION | AMOUNT |
| GRAVEL | 1,100 |
| 2" SOL™ BELLOW PINE | 1,100 @ 1.5% |
| 4" SOL™ BELLOW PINE | 2,100 |
| 6" SOL™ BELLOW PINE | 4,500 @ 2.5% |
| 8" SOL™ BELLOW PINE | 4,275 @ 5" |
| CRUSHED STONE | 2,100 |
| 2"± ORGANIC TOP SOIL | 2,100 |
| WOOD MULCH | 2,100 |
| COMPOSITION OF MATERIAL | |
| SOL™ BELLOW PINE | 2"± BELLOW PINE |
| SOL™ BELLOW PINE | 4"± BELLOW PINE |
| SOL™ BELLOW PINE | 6"± BELLOW PINE |
| SOL™ BELLOW PINE | 8"± BELLOW PINE |
| CRUSHED STONE | |

NOTE: SITE DIMENSIONS ARE APPROXIMATE.
ACTUAL MAY VARY.

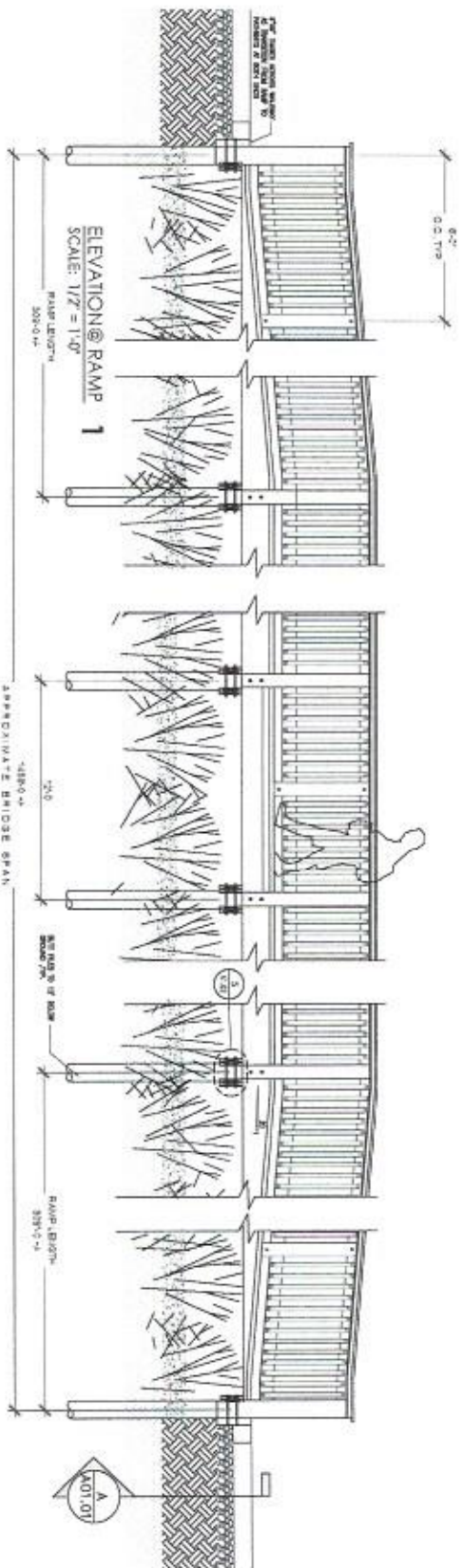


AKERIS + ASSOCIATES, LLC.
 41501 1st Street
 Suite 100
 San Diego, CA 92121
 (619) 594-1100
 www.akeris.com

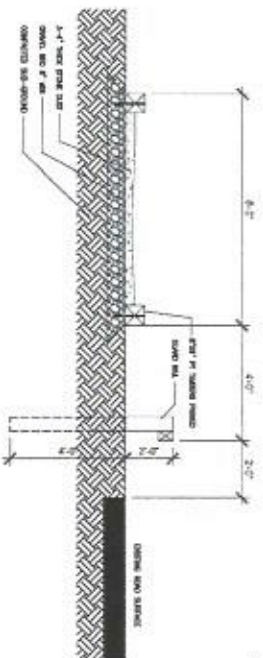
CONNELT SWOBE
 LAND TRUST
 CALIFORNIA REGIONAL
 BOARD OF LAND AND
 NATURAL RESOURCES

PROPOSED SITE PLAN

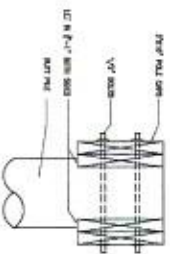
| | |
|--------------------|--------|
| DATE: 10/15/2024 | SCALE: |
| PROJECT NO: A01.00 | |



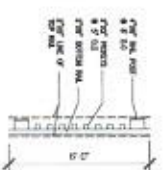
ELEVATION AT WALKWAY 2
SCALE: 1/2" = 1'-0"



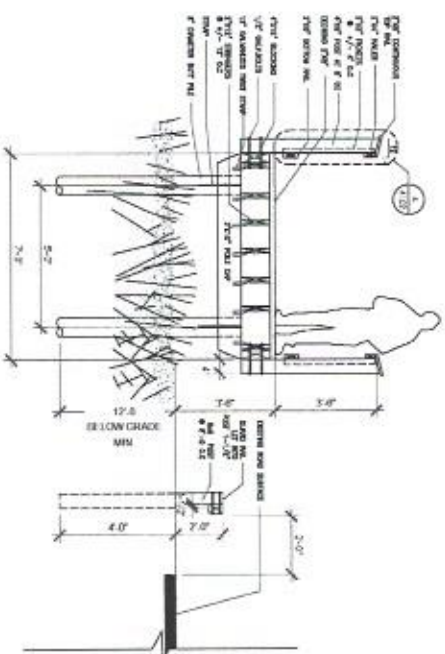
A SECTION @ PRE RASED WALKWAY
SCALE: 1/2" = 1'-0"



DETAIL @ TOP BUTT PILE 5
SCALE: 1/2" = 1'-0"



RAILING - PLAN VIEW 4
SCALE: 1/2" = 1'-0"



SECTION @ WALKWAY 3
SCALE: 1/2" = 1'-0"

NOTES:

1. THESE ELEVATION DRAWINGS ARE FOR THE USE OF THE ARCHITECT AND SHALL NOT BE USED FOR CONSTRUCTION WITHOUT THE ARCHITECT'S APPROVAL.
2. THESE ELEVATION DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECT'S SPECIFICATIONS AND NOTES.
3. ALL DIMENSIONS SHALL BE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
4. ALL MATERIALS SHALL BE OF THE QUALITY AND TYPE SPECIFIED IN THE ARCHITECT'S SPECIFICATIONS AND NOTES.
5. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS AND MATERIALS SPECIFIED IN THESE DRAWINGS.

CONTRACTOR
 CONSTRUCTION SERVICES, INC.
 1000 WEST 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 (303) 733-1111
 www.construction-services.com

| | | |
|---|--|---|
| SECTION/ELEVATIONS SECTION A SECTION B SECTION C SECTION D SECTION E SECTION F SECTION G SECTION H SECTION I SECTION J SECTION K SECTION L SECTION M SECTION N SECTION O SECTION P SECTION Q SECTION R SECTION S SECTION T SECTION U SECTION V SECTION W SECTION X SECTION Y SECTION Z | | REVISIONS NO. DATE BY 1 11/15/11 JLM 2 11/15/11 JLM 3 11/15/11 JLM 4 11/15/11 JLM 5 11/15/11 JLM 6 11/15/11 JLM 7 11/15/11 JLM 8 11/15/11 JLM 9 11/15/11 JLM 10 11/15/11 JLM |
| CLIENT BOKNIE SHORES LAND TRUST CALDWAY RECREATION 3000 HARBORCREST BL DENVER, CO 80202 | | PROJECT NO. A01.01 |



NOTES

- GENERAL NOTES:**
- ALL WORK TO BE ACCORDING TO A PROFESSIONAL DESIGN AND CONSTRUCTION SPECIFICATIONS FOR ALL TRADES AND LOCAL CODES.
 - CONTRACTOR TO VERIFY ALL MATERIALS AND METHODS FOR ALL TRADES.
 - CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FOR ALL TRADES.
 - CONTRACTOR TO MAINTAIN ALL RECORDS AND AS-BUILT DRAWINGS.
 - ALL TO "ALTER" TO PROVIDE COORDINATION WITH ALL OTHER TRADES.
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PROJECT INFORMATION:

PROJECT NO: A02.00

DATE: 01/20/2024

PROJECT LOCATION: SONNEN SHORE

CLIENT: CAUSEWAY RECREATION

DESIGNER: BOWEN & BOWEN

ARCHITECT: BOWEN & BOWEN

WALKWAY REFERENCE IMAGERY SPEC

SCALE: NTS

| | |
|---------------|---------------------|
| DATE: | 01/20/2024 |
| PROJECT NO: | A02.00 |
| PROJECT NAME: | SONNEN SHORE |
| CLIENT: | CAUSEWAY RECREATION |
| DESIGNER: | BOWEN & BOWEN |
| ARCHITECT: | BOWEN & BOWEN |
| SCALE: | NTS |