


Project Prioritization Cover Sheet



Transportation Improvement Program

CONTACT	Contact Information	
	Agency/Organization	Town of Westerly
	Contact Person	Paul LeBlanc, PE Title Town Engineer
	Mailing Address	68 White Rock Road
	City	Westerly Zip Code 02891
	Phone	401-348-2562 Email pleblanc@westerly.org

PROJECT PRIORITIZATION	Project Prioritization <i>please use an additional sheet if necessary</i>			
	Priority	Listed in TIP 2013-2016		Project Name
		Yes	No	
1	X		Bay Street Streetscape Improvements	
2		X	Friendship Street Reconstruction (West St to Canal St)	
3		X	Main Street Drainage and Resurfacing	
4	X		Canal Street Resurfacing (Canal St/White Rock Road to High Street)	
5		X	Resurfacing Potter Hill Rd (High St to Hopkinton Town Line)	
6		X	Resurfacing US-1, Granite St and Franklin St (Tower St to Rt 78)	
7		X	Water Works Bridge, RI 78 Westerly By-Pass at Pawcatuck River	
8		X	Cottrell Bridge, RI 91 Westerly Bradford Rd at McGowan Brook	
9		X	Varietyville Rd Bridge, Rt 78 West By-Pass at Canal St	
10	X		Reconstruction of Airport Rd & Winnapaug Rd Intersection	
11		X	Elevating Atlantic Ave (Weekapaug Bridge to Maplewood Ave) & Bike Lane	
12		X	Resurfacing Rt 78 (US-1 to CT)	
13		X	Roadway Departure Mitigation - Guardrail and Median Improvements	

CERTIFICATION	Applicant Certification	
	The information provided on this application is in accordance with local regulations and ordinances.	
	DERRIK M. KENNEDY Town Manager	DERRIK M. KENNEDY Town Manager
	Applicant 	Title _____
Signature _____	Date 1/8/16	

Paul LeBlanc, PE - Town Engineer 1/8/2016
 STATE PLANNING COUNCIL | One Capitol Hill, Providence, RI 02908 | www.planning.ri.gov

New Project Application

Transportation Improvement Program



CONTACT	Contact Information
	Agency/Organization <u>Town of Westerly</u>
	Contact Person <u>Paul LeBlanc, PE</u> Title <u>Town Engineer</u>
	Mailling Address <u>68 White Rock Road</u>
	City <u>Westerly</u> Zip Code <u>02891</u>
Phone <u>401-348-2562</u> Email <u>pleblanc@westerly.org</u>	

PROJECT INFORMATION	Type of Project <i>select all that apply</i>
	<input type="checkbox"/> Bridge <input checked="" type="checkbox"/> Pavement <input type="checkbox"/> Drainage <input type="checkbox"/> Planning
	<input checked="" type="checkbox"/> Traffic <input type="checkbox"/> Transit <input type="checkbox"/> Bicycle <input checked="" type="checkbox"/> Pedestrian
	<input checked="" type="checkbox"/> Transportation Enhancement <input type="checkbox"/> Other _____
	Project Description
	Project Title <u>Bay Street Streetscape Improvements</u>
Location by Street Name <u>Bay Street, & Portions of Larkin Road & Wauwinnet Avenue</u>	
Project Limits - From <u>200' East Int. Wauwinnet Ave/Sunset Av.</u> To <u>400' East of Int. Bay St./Larkin Road</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:	
PROJECT DESCRIPTION: TIP funding for this project was previously obtained by the Town of Westerly from the amendment of the White Rock Rd./Canal St./Friendship St. 2009-2012 TIP project during April, 2013 and early 2014; with prior TIP funding commitments at \$1.3 Million. The Town is re-applying for TIP funding in order to complete the streetscape enhancements to the renown historic village of Watch Hill. Presently, the Town and Watch Hill Conservancy partnership have expended more than \$9.8 Million in infrastructure upgrades to this area to improve watermain, stormwater, and electric/telephone/firealarm/communication utilities. There are over 50 businesses within the project limits area, which play a vital role in the Town's/State's economic tourism engine.	
ENVIRONMENTAL IMPACT: Proposed improvements to the streetscape elements (i.e. pavement removal & replacement, curb removal & replacement, sidewalk removal & replacement, installation of signage & road striping, and utility structure cover/grate/inlet adjustments) with be limited to the Town's right-of-way areas, thus no anticipated impacts are expected to Little Narragansett Bay. The Town has previously completed a stormwater drainage and utilities improvements project within the proposed project area to enhance stormwater quality treatment through the construction of two (2) large BMP stormwater quality treatment systems. This project will employ Best Management Practices (BMP) design and construction methods to reduce potential environmental impacts.	
SUPPORT LOCAL AND STATE GOALS: These proposed streetscape improvements, in addition to the Town's prior completed drainage/utility infrastructure improvements, and pending completion of the historic village district street lighting (non-TIP components); meet the goals and requirements of the Town of Westerly Comprehensive Plan. Public and local businesses to the Watch Hill Village district area continue to provide support for this project phase of the streetscape improvements for completion of the recent significant work performed within this project area by the Town and Watch Hill Conservancy.	

Describe need for proposed project:

PROJECT NEED:

If implemented, the proposed streetscape improvements would allow for ADA compliant sidewalks, improved road surface drainage conditions, compliant sidewalk curbing heights, improved road surface conditions, improved on-street parking reconfiguration, and will provide improved public safety elements to this area. TIP funding would allow the Town of Westerly to complete the proposed streetscape improvements, while complementing the recently completed significant infrastructure improvements by the Town & Watch Hill Conservancy partnership.

MOBILITY BENEFITS:

Proposed compliant sidewalk, curbing, pavement striping, and signage elements of the project will enhance vehicle/pedestrian/bicycle traffic relative to its present condition. These improvements will promote better rideability comfort for vehicles, safer pedestrian mobility, and promotes enhanced walkability and bikeability access within the historic village district area. This area has significant summertime period activity, with an estimated average 4,400 visitors during week day periods and an average of 13,000 visitors during a holiday weekend day period.

SAFETY AND SECURITY:

Proposed streetscape improvements will improve ADA access to the project area, will enhance road drainage functions from proposed road re-profiling and drainage system improvements, and will provide safer conditions for pedestrian traffic with improved crosswalk signage and pavement striping elements. Bay Street and Larkin Road have direct connections to the area's evacuation route transportation network system.

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

ECONOMIC DEVELOPMENT BENEFITS:

These transportation improvements to Bay Street and Larkin Road area will preserve, improve and promote economic business/tourism development in the Watch Hill village located in Westerly. There are over fifty (50) businesses located on Bay Street and Larkin Road which rely upon proper drainage and sustainable access via the proposed streetscape improvements. The area is also heavily traveled in the summer months for residents and tourists which visit this area's businesses and beaches. Ocean House, located in Watch Hill, sits at the top of Bay Street and is one of Westerly's largest employers. Not only is it renowned as one of the best hotels in the nation, but it employs hundreds of people a year and brings thousands of visitors to Westerly each year. This area continues to promote and accelerate the Town's economic development.

COST OF EFFECTIVENESS:

Combined the Town and Watch Hill Conservancy, through their partnership relation have expended nearly \$9.8 Million to date on critical stormwater drainage system, municipal water service, and underground electrical/fire alarm/telecommunication infrastructure improvements within the proposed TIP project areas during the past four years. The proposed streetscape improvements will in essence complete the at-grade surface level transportation infrastructure components with the installation of new curbing, ADA compliant sidewalks, minor stormwater drainage system improvements, new signage and pavement striping, and new pavement courses. The Town is currently undertaking a separate street light contract for the installation of historic period street lights in-lieu of the prior utility pole mounted lights.

EQUITY:

The historical village district area of Watch Hill is visited by residents and visitors of all economic classes, races, and ethnic origins from abroad. The proposed streetscape improvements will preserve and enhance the transportation network system within this area by providing improved access for persons with a disability (ADA compliant sidewalks, crosswalks, and ramps) and available number of ADA complaint parking spaces.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

CRITERIA

Evaluation 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	\$60,000	\$-0-	\$200,000	\$1,400,000	\$1,660,000
				Total Cost	\$1,660,000
				Amount Requested through TIP Process	\$1,400,000

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

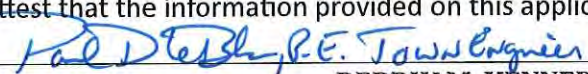
Source	Amount
Town of Westerly - Prior 2010 Capital Improvements Bond	\$150,000
Town of Westerly - Current 2014 Capital Improvements Bond	\$110,000
Total	\$260,000

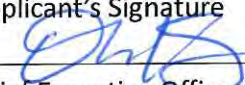
Estimated date of construction March 2017

CERTIFICATION

Applicant Certification

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


 Applicant's Signature **DERRIK M. KENNEDY** Date 1/8/2016
 Town Manager


 Chief Executive Officer's Signature Date 01/08/16

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016



PROJECT LIMITS

SUNSET AVENUE

WAUWINNET AVENUE

BAY STREET

OCEAN HOUSE

LARKIN ROAD

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Ellie Derrig
January 2016
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\TIP Bay_St 2017-2025.mxd

Town Project Priority List #1



New Project Application

Transportation Improvement Program



CONTACT	Contact Information	
	Agency/Organization	Town of Westerly
	Contact Person	Paul LeBlanc, PE Title Town Engineer
	Mailling Address	68 White Rock Road
	City	Westerly Zip Code 02891
	Phone 401-348-2562	Email pleblanc@westerly.org

Type of Project *select all that apply*

<input type="checkbox"/> Bridge	<input checked="" type="checkbox"/> Pavement	<input checked="" 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 checked="" type="checkbox"/> Transportation Enhancement	<input type="checkbox"/> Other _____		

Project Description

Project Title Friendship Street Reconstruction (West Street to Canal Street)

Location by Street Name Friendship Street (West Portion)

Project Limits - From Intersection West St./Friendship St. To Intersection with Canal Street

Please include an 8.5" x 11" map of the site, indicating project limits.

Provide a brief description of the proposed project:

PROJECT DESCRIPTION:
 The proposed Friendship Street project limits was a part of the previously qualifying White Rock Rd./Canal St./Friendship St. 2009-2012 TIP project. Reconstruction of White Rock Road and lower Canal Street was completed in 2014 with funding from EDA/CDBG. The Town also completed the easterly most portion of Friendship St. in 2012 with Town funds. The remaining westerly portion of Friendship Street will include the following: full depth reconstruction of the existing pavement structure (including road re-profiling), installation of a new stormwater drainage system, installation of new granite curbing, installation of new steel beam guardrail, and installation of a new concrete sidewalk (southerly side of Friendship Street).

ENVIRONMENTAL IMPACT:
 It is anticipated that no adverse environmental impacts will result from the project. Stormwater drainage system component improvements to remove gross particle and debris items will be incorporated into the project for onsite project stormwater quality improvements. If required by RIDEM, additional stormwater water quality best management practices (BMP's) will be installed within the same contributing watershed area to the Pawcatuck River to meet any RIDEM Stormwater Credit requirements for the project since suitable right-of-way areas are limited within the project area. The project will assess the availability to reduce impervious surfaces, thus reducing future stormwater runoff volumes from the project area.

SUPPORT LOCAL AND STATE GOALS:
 This project supports the Town of Westerly Comprehensive Plan goals by providing improved access to a proposed future educational training facility to be constructed off Friendship & Canal Streets, providing improved public access to the Town's industrial/business area of Friendship St., and providing improved access to the downtown business area. The new sidewalk segments will effectively provide pedestrian/bicycle traffic connectivity to other sections of Town; including Wilcox Park and the Westerly Public Library.

Describe need for proposed project:

PROJECT NEED:

A significant need is present to connect the Town's prior completed road reconstruction projects for Friendship Street (Phase 1) and White Rock Road/Canal Street by completing this section of Friendship Street. This is reflected by the current deterioration of the road pavement surface, lack of adequate stormwater drainage system components, and lack of connecting sidewalk components. The proposed elements of the project will improve the rideability condition of the road surface, improve safety aspects with the new guardrail systems, new drainage collection system, new sidewalk segments, and new signage & road striping elements.

MOBILITY BENEFITS:

Transportation improvements proposed for this section of Friendship Street will increase mobility choices within the adjacent low-moderate income residential areas, will provide enhanced opportunities for pedestrian/bicycle traffic, will promote walkability and bikeability between neighborhoods/to Wilcox Park/to Westerly Public Library/and the downtown business district, will provide the last connectivity component between the easterly portion of Friendship St. and Canal St., and will provide improved access to the proposed CCRI Training Facility.

SAFETY AND SECURITY:

The proposed transportation infrastructure improvements (new road surface, new guardrail systems and new sidewalk) will enhance public safety for vehicle/pedestrian/bicycle traffic. Currently, no sidewalks exist within the proposed project limits, thus making pedestrian/bicycle users vulnerable to vehicle traffic. Proposed new signage, crosswalks, and road striping will provide safety improvements.

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

ECONOMIC DEVELOPMENT BENEFITS:

This project would improve vehicle/pedestrian/bicycle access to the downtown business center, businesses within the industrial/business district of Friendship Street, and to the proposed CCRI Training Facility; thus connecting the workforce and increasing employment opportunities within this area. Transportation infrastructure improvements would also facilitate the movement of goods/services within this section of the Town.

COST OF EFFECTIVENESS:

The Town's design consultant for the White Rock Rd./Canal St./Friendship St. qualifying project under the prior 2009-2012 TIP has completed a 70% Design Document package for this portion of Friendship Street (West St. to Canal St.). The anticipated costs for the project are expected to be in proportion to the expected benefit from completing the project. This project would compliment, connect and link the Town's recently completed White Rock Rd./Canal St. project and RIDOT's 1R Project for Railroad Ave. This project would also make much needed improvements to the Town's transportation and utility infrastructure. This project would also compliment the proposed CCRI Training Facility to be constructed off Friendship Street and Canal Street.

EQUITY:

This project would enhance and preserve access to the Town's/State's transportation network, improve vehicle/pedestrian/bicycle traffic to other areas of Town, would be enjoyed by all income classes, would enhance access to the proposed CCRI Training Facility, and is located adjacent to low-moderate income neighborhoods.

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

Is the project on the Federal Aid System? Yes No

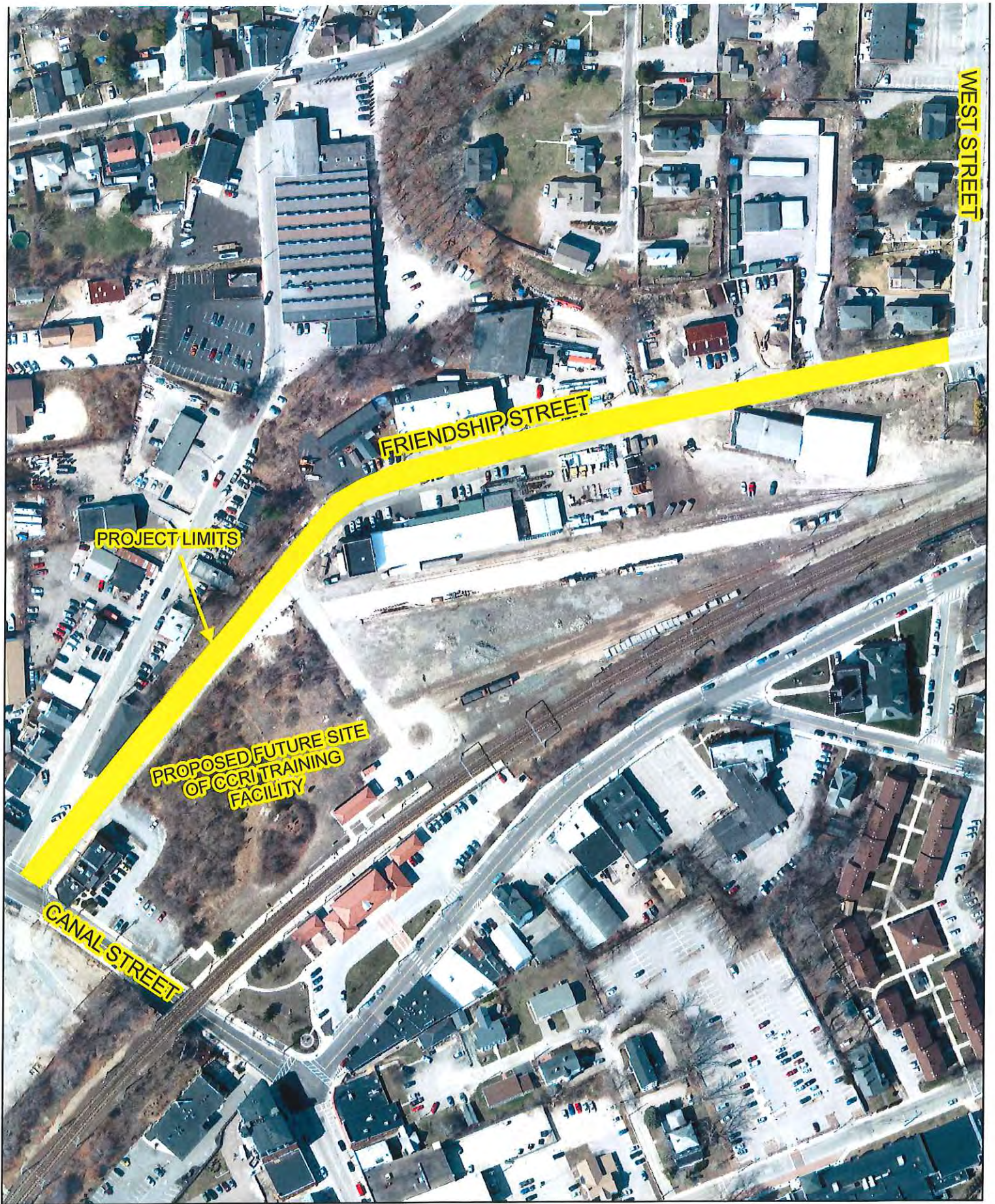
Is the project on the National Highway System? Yes No

CRITERIA	<p>Evaluation Criteria</p> <p>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.</p>							
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PROJECT ESTIMATES	<p>Project Estimates</p>																								
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CERTIFICATION	<p>Applicant Certification</p> <p>I attest that the information provided on this application is in true and accurate.</p>				
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<p>DERRIK M. KENNEDY Town Manager</p>					

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016



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Ellie Derrig
January 2016
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\TIP Friendship_St 2017-2025.mxd

Town Project Priority List #2



New Project Application

Transportation Improvement Program



CONTACT	Contact Information
	Agency/Organization <u>Town of Westerly</u>
	Contact Person <u>Paul LeBlanc, PE</u> Title <u>Town Engineer</u>
	Mailling Address <u>68 White Rock Road</u>
	City <u>Westerly</u> Zip Code <u>02891</u>
	Phone <u>401-348-2562</u> Email <u>pleblanc@westerly.org</u>

PROJECT INFORMATION	Type of Project <i>select all that apply</i>			
	<input type="checkbox"/> Bridge	<input checked="" type="checkbox"/> Pavement	<input checked="" 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 checked="" type="checkbox"/> Transportation Enhancement	<input type="checkbox"/> Other _____		

PROJECT INFORMATION	Project Description
	Project Title <u>Main Street Drainage and Resurfacing</u>
	Location by Street Name <u>Main Street (US Route 1A)</u>
	Project Limits - From <u>Intersection Main St./Broad St.</u> To <u>Intersection Main St./Crescent St.</u>

Please include an 8.5" x 11" map of the site, indicating project limits.

Provide a brief description of the proposed project:

PROJECT INFORMATION	PROJECT DESCRIPTION: Proposed improvements to the Main Street project limits will include the following: full depth milling and replacement of the existing pavement structures due to the deteriorated conditions, replacement or repairs to portions of the existing stormwater drainage system components, repairs or replacement of deteriorated sidewalk segments, and installation of new MUTCD and RIDOT compliant signage and road striping.
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PROJECT INFORMATION	ENVIRONMENTAL IMPACT: Road resurfacing, stormwater drainage system repairs, and sidewalk repairs are being proposed within the heavily developed downtown urban business district. Generally, the majority of the proposed improvements will be limited to the State/Town public right-of-way areas thus resulting in no appreciable environmental impacts to the Pawcatuck River. Proper best management practices (bmp's) and erosion & sediment controls will be implemented during construction to mitigate project impacts.
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PROJECT INFORMATION	SUPPORT LOCAL AND STATE GOALS: This project complies with the Town of Westerly Comprehensive Plan requirements for providing sustainable critical transportation infrastructure systems for the safe movement of traffic, pedestrians, and goods/services throughout the Town. Significant local public support is present for the project.
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Describe need for proposed project:

PROJECT NEED:

Prior RIDOT 3R Improvements are rapidly approaching their useful and expected life expectancies. The existing road surface and sidewalk conditions have deteriorated to the point where maintenance efforts will be no longer feasible in the near foreseeable future. Standing water within portions of the project limits from deteriorated pavement conditions and undersized stormwater drainage system components presents public safety issues from moderate storm events.

MOBILITY BENEFITS:

The project will result in improvements to the pavement and sidewalk surfaces, thus improving user comfort level while traveling through the project limits. This area has a high level of service use by vehicle, pedestrian and bicycle traffic within the downtown business district and to/from area businesses. Several public and private schools are also within close proximity to the Main Street project area. Improvements will also promote enhanced walkability and bikeability within this area and between the recently completed Elm Street and Beach Street RIDOT improvements.

SAFETY AND SECURITY:

The proposed road resurfacing improvements, sidewalk repairs, and storm drainage system repairs will all result in maintaining and improving public safety within the project limits area. This major road segment is used extensively by the Town's first responders - police/fire/ambulance service and is a direct vital route to Westerly's L&M Hospital.

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

ECONOMIC DEVELOPMENT BENEFITS:

Main Street is a minor arterial road segment which facilitates the significant movement of goods and services to the downtown area of Westerly, Stonington Connecticut, the Misquamicut Beach area, and Watch Hill area. This area is well populated with businesses that rely heavily on well maintained transportation infrastructure. Main Street also serves as one of the Town's major gateway access points to/from Stonington, Connecticut through the Westerly downtown business district.

COST OF EFFECTIVENESS:

This segment of Main Street was last resurfaced and included drainage and sidewalk improvements under RIDOT's 3R Project circa 1998. The Town's request for Main Street to be included under this TIP Program stems from the need to preserve and to maintain the existing transportation system components. Visual evidence of significant pavement & sidewalk deterioration is occurring within the proposed project limits. The prior road resurfacing improvements are rapidly approaching their useful life expectancy (mill & overlay previously provided under the RIDOT 3R improvements), with significant pothole patching maintenance efforts being expended by Town/State DPW forces within the proposed project limits.

EQUITY:

The proposed transportation improvements to Main Street will result in an equitable use by residents of all income classes from local residents and visitors alike. The project enhances access in a low income neighborhood. The segment of road is a minor arterial passing through the downtown area and serves as a major travel route to the Misquamicut Beach and Watch Hill tourist destination areas.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

CRITERIA

Evaluation 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
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4. Environmental Impact
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7. Equity

PROJECT ESTIMATES

Project Estimates

	ROW	Study	Design	Construction	Total
Estimated Project Costs	\$30,000	\$30,000	\$200,000	\$2,200,000	\$2,460,000
				Total Cost	\$2,460,000
				Amount Requested through TIP Process	\$2,460,000

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

Source	Amount
Total	

Estimated date of construction Fall 2019

CERTIFICATION

Applicant Certification

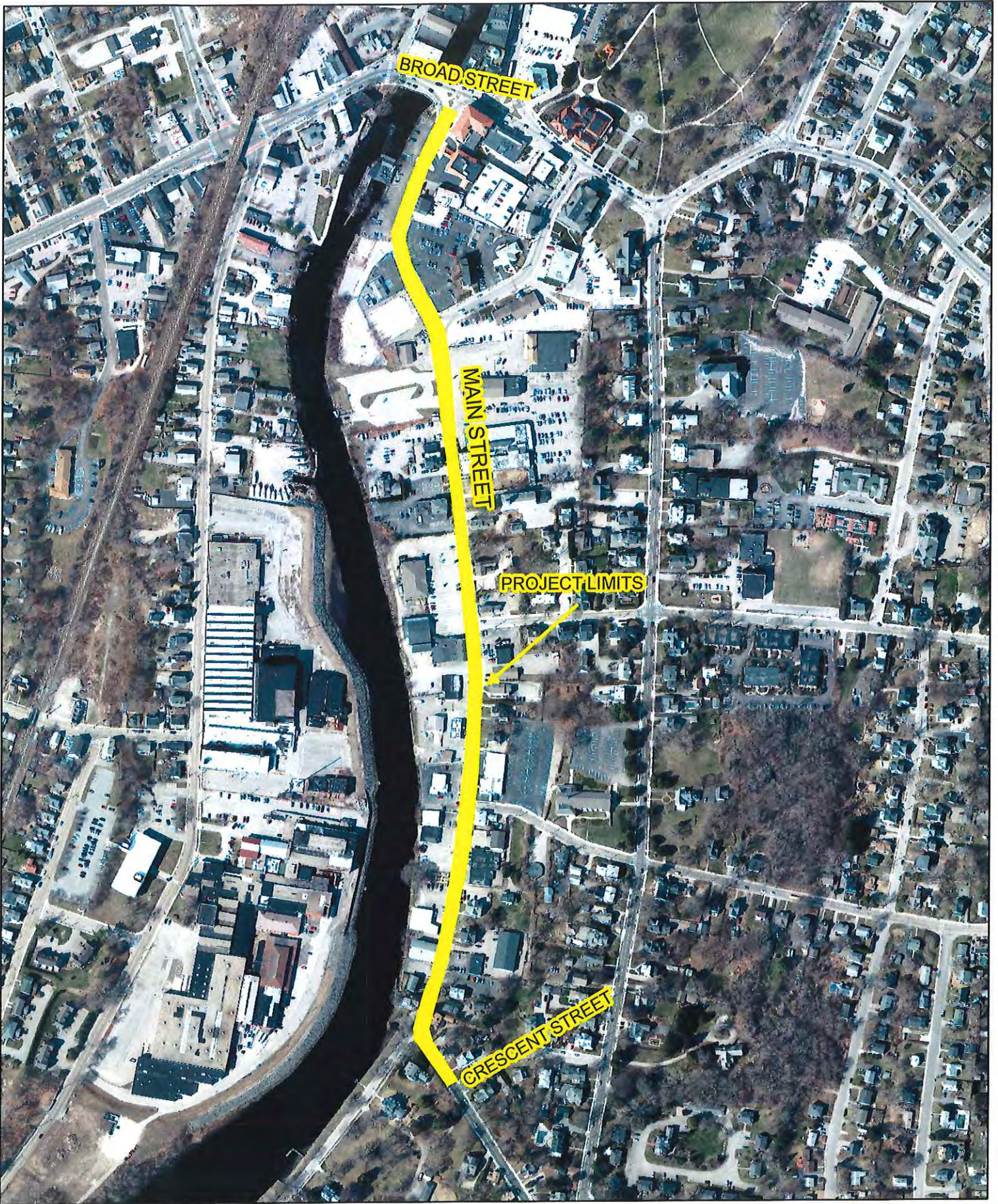
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Paul DeBlasio P.E. Town Engineer _____ 1/8/2016
 Applicant's Signature Date

DERRIK M. KENNEDY _____ 01/8/2016
 Town Manager Date

Chief Executive Officer's Signature _____
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Ellie Derrig
January 2016
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Town Project Priority List #3



New Project Application

Transportation Improvement Program



CONTACT	Contact Information	
	Agency/Organization	<u>Town of Westerly</u>
	Contact Person	<u>Paul LeBlanc, PE</u> Title <u>Town Engineer</u>
	Mailling Address	<u>68 White Rock Road</u>
	City	<u>Westerly</u> Zip Code <u>02891</u>
	Phone	<u>401-348-2562</u> Email <u>pleblanc@westerly.org</u>

PROJECT INFORMATION	Type of Project <i>select all that apply</i>			
	<input type="checkbox"/> Bridge	<input checked="" type="checkbox"/> Pavement	<input checked="" 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 checked="" type="checkbox"/> Transportation Enhancement	<input type="checkbox"/> Other _____		
	Project Description			
	Project Title <u>Canal Street Resurfacing (Intersection of Canal St./White Rock Rd. to High St.)</u>			
	Location by Street Name <u>Canal Street (Upper)</u>			
Project Limits - From <u>Intersection Canal St./White Rock Rd.</u> To <u>Intersection High St.</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:				
PROJECT DESCRIPTION: This project includes the pavement resurfacing, minor drainage repairs, installation of bituminous curbing (where required), new steel beam guardrail systems, and the installation of new concrete sidewalks (at one roadway edge) for upper Canal Street from the intersection of White Rock Road to the intersection of High Street. This project was previously listed in the 2009-2012 TIP, with study and design to commence during the 2016 calendar year. This project will: improve the rideability of the current road surface, provide improved surface drainage flow conditions, and improve public safety for pedestrian and bicycle traffic with the introduction of new concrete sidewalk segments.				
ENVIRONMENTAL IMPACT: No anticipated negative environmental impacts are contemplated from this project. The project limit area has several wetland systems located adjacent to the Town right-of-way areas, but are not anticipated to be impacted or disturbed as a result of the project.				
SUPPORT LOCAL AND STATE GOALS: This project supports the Town of Westerly Comprehensive Plan, and has been a local priority with respect to the revitalization of the town's North End area. The public continues to support this revitalization process goal of the Westerly Comprehensive Plan for this low-moderate income area.				

Describe need for proposed project:

PROJECT NEED:

This project was previously approved as a qualifying project under the 2009-2012 TIP program due to the severely degraded pavement road surface conditions. This degraded road condition has also created poor road drainage conditions, with standing water present at many locations. The previously approved sections of White Rock Road and Canal Street (lower) were reconstructed with new sidewalk segments, new curbing, new stormwater drainage improvements, and new pavement surface structures in 2014. These improvements were funded with substituted funds from EDA and CDBG sources, and have greatly improved the once degraded North End area. The installed sidewalks for this successfully completed project has initiated a significant increase in use by pedestrian and bicycle traffic from White Rock Road, and lower/upper Canal Street neighborhoods.

MOBILITY BENEFITS:

The proposed new concrete sidewalk segments (contemplated for one side of upper Canal Street within the project limits) will be connected to and link the Town's prior White Rock Road/lower Canal Street project for the upper Canal Street neighborhoods. This will allow safe pedestrian and bicycle access between the prior completed project and proposed TIP project. The proposed sidewalk improvements will also serve to allow access to the Town's Gingerella Sports Complex facility located off White Rock Road. Vehicle traffic road rideability conditions will also be improved from the proposed resurfacing.

SAFETY AND SECURITY:

Road resurfacing improvements and storm drainage improvements will result in improved driver safety and reduction of present standing water conditions. The proposed sidewalk segments will help connect and link pedestrian/bicycle traffic to the previously completed White Rock Road/lower Canal Street road reconstruction project and provide the much needed public safety component at this proposed TIP project location.

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

ECONOMIC DEVELOPMENT BENEFITS:

This project will help improve access to the proposed CCRI Training Facility to be located off Friendship Street and lower Canal Street. Road surface and drainage condition improvements will also improve the movement of goods and services to the downtown business district area and lower Canal Street industrial area.

COST OF EFFECTIVENESS:

It is anticipated that the capital costs will be low in comparison to the expected benefit with completing the proposed improvements to the upper Canal Street segment of the Town's North End area. The Town has previously committed approximately \$5 million total in Town funds, EDA and CDBG funds for the prior capital infrastructure improvements made in order to revitalize the Town's North End area.

EQUITY:

This project is proposed in a low-moderate income area of the North End of the town of Westerly. This project will enhance the use of the Town's prior project improvements by providing ADA access from the proposed new sidewalk segments for upper Canal Street, and access to these and the prior improvements by low-moderate income neighborhood users.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

CRITERIA

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

PROJECT ESTIMATES

Project Estimates

	ROW	Study	Design	Construction	Total
Estimated Project Costs	\$80,000	\$20,000	\$120,000	\$1,900,000	\$2,120,000
				Total Cost	\$2,120,000
				Amount Requested through TIP Process	\$1,900,000

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

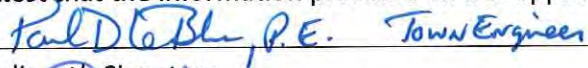

Source	Amount
Town of Westerly - 2017/2018 Highway Restricted Funds (ROW & Study)	\$100,000
Town of Westerly - 2017/2018 Highway Restricted Funds (Design)	\$120,000
Total	\$220,000

Estimated date of construction Spring 2019

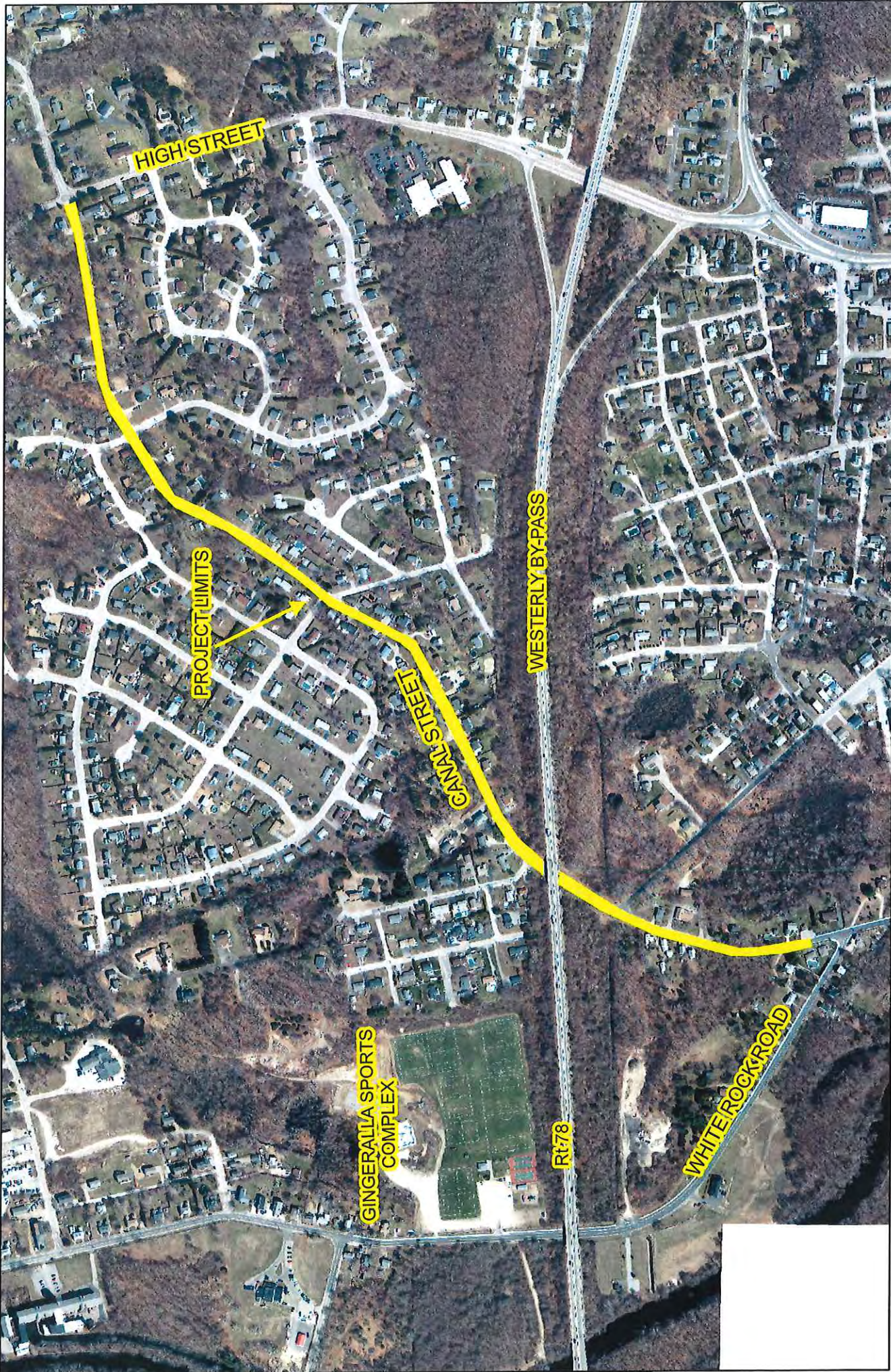
CERTIFICATION

Applicant Certification

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

	Town Engineer	<u>1/8/2016</u>
Applicant's Signature		Date
	DERRIK M. KENNEDY Town Manager	<u>1/8/16</u>
Chief Executive Officer's Signature		Date

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016



Town Project Priority List #4

Elle Derrig
January 2016
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\TIP Canal_St_Upper 2017-2025.mxd

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New Project Application

Transportation Improvement Program



CONTACT	Contact Information
	Agency/Organization <u>Town of Westerly</u>
	Contact Person <u>Paul LeBlanc, PE</u> Title <u>Town Engineer</u>
	Mailling Address <u>68 White Rock Road</u>
	City <u>Westerly</u> Zip Code <u>02891</u>
	Phone <u>401-348-2562</u> Email <u>pleblanc@westerly.org</u>

PROJECT INFORMATION	Type of Project <i>select all that apply</i>
	<input type="checkbox"/> Bridge <input checked="" type="checkbox"/> Pavement <input type="checkbox"/> Drainage <input type="checkbox"/> Planning
	<input checked="" type="checkbox"/> Traffic <input type="checkbox"/> Transit <input type="checkbox"/> Bicycle <input type="checkbox"/> Pedestrian
	<input checked="" type="checkbox"/> Transportation Enhancement <input type="checkbox"/> Other _____
	Project Description
	Project Title <u>Reconstruction of Airport Road and Winnapaug Road Intersection</u>
	Location by Street Name <u>Airport Road and Winnapaug Road</u>
Project Limits - From <u>Intersection Airport Road</u> To <u>Intersection With Winnapaug Road</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:	
PROJECT DESCRIPTION: The project involves an intersection which is an offset "Y". This present configuration causes traffic congestion and significant backups during the busy tourist season. The majority of the traffic flow at this time of the year is from Airport Road toward the intersection. Reconfiguration or signaling of the intersection would enhance traffic flow and safety.	
ENVIRONMENTAL IMPACT: Improved traffic flow through this intersection should result in improved air quality from vehicle emissions. This will also promote energy conservation through fuel consumption savings with improved traffic flow through this intersection. Reduced traffic noise by reduction in vehicle queuing time for abutting businesses and residential properties on Airport Road.	
SUPPORT LOCAL AND STATE GOALS: This area serves the Westerly State Airport and the Town's Industrial Park. Significant goods and services, aerial transportation, and emergency services to New Shoreham County (Block Island) and the surrounding area are impacted by this impeded traffic flow condition. This supports the Transportation element of the State Guide Plan and the elements of the Town of Westerly's Comprehensive Plan. Local public and out-of-state public users continue to voice their complaints with traffic congestion issues due to the subject intersection. Public support for the need for the proposed intersection enhancements is present.	

Describe need for proposed project:

PROJECT NEED:

Traffic congestion and severe backup conditions at this intersection during the summer tourist season negatively impact emergency response time by police, fire and ambulance service to the Misquamicut area (State and Town beaches as well as a multitude of shoreline businesses) and Atlantic Avenue. It also impacts the distribution of goods and services to this area as well as the Westerly State Airport and Town's Industrial Park area of Tom Harvey Road.

MOBILITY BENEFITS:

Enhancements made to the Airport Road and Winnapaug Road intersection will allow for improved traffic flow to and from the Misquamicut Beach area, Westerly State Airport, Town's Industrial Park and U.S. Post Office Facility located off Tom Harvey Road. Enhancements will provide traffic congestion relief, provide improved intermodal and multimodal access between Airport Road and the Westerly State Airport. This area requires a high level of service and functionality during the busy summer tourist season with the seasonal local population increasing to 3-4 times the non-seasonal level. Mobility improvements will allow for easier access to Westerly's renowned public beaches, Watch Hill and other tourist destinations.

SAFETY AND SECURITY:

The intersection of Airport Road and Winnapaug Road serves as the main access point to the public beaches and businesses on Atlantic Avenue, and secondary access to the Watch Hill area. During the summer season, this intersection causes traffic to back up to Route 1 and Route 78 (state roads). Negative impacts from this traffic condition are realized from police, fire and ambulance response times, thus effecting public safety within the local and shoreline areas. Airport Road and Winnapaug Road are identified within the Town as emergency evacuation route roads from the Misquamicut Beach area. Enhancements to this intersection should provide relief to traffic congestion, thus allowing for improved public safety for this area.

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

ECONOMIC DEVELOPMENT BENEFITS:

Improvements to the intersection at Airport Road and Winnapaug Road will help relieve the current traffic congestion condition during the busy summer period (May thru September) which will enhance the movement of goods and services to the shoreline beaches and businesses (portion of Westerly's tourism engine); as well as to the Westerly State Airport and Town's Industrial Park. Improvements will also be realized for access to the Town's Police Department Facility located off Airport Road and the U.S. Post Office located off Tom Harvey Road.

COST EFFECTIVENESS:

Improvements to this intersection is expected to have a low cost relative to the expected economic benefit for the project. Improvements in traffic flow, reduced traffic congestion and queuing time will assist the efficiency in travelers to the shoreline area. This will result in a reduction of visitors who may seek alternative tourism based destinations (outside of Westerly) due to access constraints realized from traffic congestion on Airport Road, Route 1 and Route 78 during the busy summer time period. A prior study was performed for the Town as part of the development at Westerly Crossing by Carpiionato Properties with three (3) design scenarios presented to the Westerly Town Council. It was a concern that the Westerly Crossing project would add intensive retail uses to Airport Road which would exacerbate the already challenging problems on Airport Road.

EQUITY:

Improvements to this intersection will result in enhancing and preserving access to the State's and Town's transportation network by providing improved public access to the shoreline public State and Town beaches, shoreline businesses and tourist destinations. These improvements will help to serve all Rhode Islanders and non-residents of the state regardless of race, income, ethnic origin, age, or disability. These area is used by all income classes with high recreational value.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

CRITERIA

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

PROJECT ESTIMATES

Project Estimates

	ROW	Study	Design	Construction	Total
Estimated Project Costs	\$50,000	\$20,000	\$40,000	\$250,000	\$360,000
				Total Cost	\$360,000
				Amount Requested through TIP Process	\$360,000

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

Source	Amount
Total	

Estimated date of construction Fall 2018

CERTIFICATION

Applicant Certification

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

<u>Todd DeBlasi, P.E. Town Engineer</u>	<u>1/8/2016</u>
Applicant's Signature	Date
<u>DERRIK M. KENNEDY</u>	<u>1/8/16</u>
Chief Executive Officer's Signature	Date

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016



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Ellie Derrig
January 2016
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Town Project Priority List #10



New Project Application

Transportation Improvement Program



CONTACT	Contact Information	
	Agency/Organization	Town of Westerly
	Contact Person	Paul LeBlanc, PE Title Town Engineer
	Mailling Address	68 White Rock Road
	City	Westerly Zip Code 02891
	Phone 401-348-2562	Email pleblanc@westerly.org

Type of Project *select all that apply*

<input type="checkbox"/> Bridge	<input checked="" type="checkbox"/> Pavement	<input checked="" 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 checked="" type="checkbox"/> Transportation Enhancement	<input type="checkbox"/> Other _____		

Project Description

Project Title Elevating Atlantic Ave. (Weekapaug Bridge to Maplewood Ave.) and Bike Lane

Location by Street Name Atlantic Avenue

Project Limits - From Weekapaug Bridge To Maplewood Avenue

Please include an 8.5" x 11" map of the site, indicating project limits.

Provide a brief description of the proposed project:

PROJECT DESCRIPTION:
 Elements of the proposed project include: full depth road reconstruction to low lying portions of Atlantic Avenue, resurfacing and widening portions of Atlantic Avenue for the incorporation of a designated bike lane, installation of new storm drainage system components to reduce standing water conditions and to promote pretreatment enhancement of stormwater runoff prior to entering the coastal wetlands of Winnapaug Pond, and installation of improved signage and road striping elements. These improvements are required due to the deteriorated road surface condition, frequency flooding of low lying road areas, and need for safety improvements for this tourist destination area.

ENVIRONMENTAL IMPACT:
 Elevating portions of Atlantic Avenue and incorporating improved stormwater drainage system treatment elements would allow pretreatment of stormwater discharges prior to entering the coastal wetlands adjacent to Winnapaug Pond. Present flooding conditions allow for significant vehicle overspray onto the abutting properties and undercarriage contact with vehicles. The proposed transportation infrastructure improvements will help preserve and enhance the scenic and recreational resources along the entire length of Atlantic Avenue. Flooding relief and reduction in standing surface water conditions will help promote better traffic mobility and queuing, thus having improvements on air quality with less emissions and reduced fuel consumption during the busy summertime period. Best management design and construction practices would be employed to reduce the impacts to Winnapaug Pond.

SUPPORT LOCAL AND STATE GOALS:
 The Misquamicut Beach area and adjacent shoreline community represents a significant portion of the Town's tourism engine. Elevating the road surface, providing improved drainage systems for safety and stormwater quality improvements, incorporating a designated bike lane, and providing resilient sustainable solutions to climate change meet the requirements of the Town of Westerly Comprehensive Plan. Town officials, business owners, local residents, non-residents, and visitors alike have continued to support sustainable resolutions to improve access and flooding conditions within portions of Atlantic Avenue.

Describe need for proposed project:

PROJECT NEED:

The last prior significant improvements to Atlantic Avenue were made under a RIDOT 3R Improvements Contract circa 1983. These improvements included pavement reclamation, installation of new base & surface pavement courses, guardrail installation, road re-profiling, installation of new sidewalks, and roadway stormwater drainage improvements. Incidental minor infrastructure repairs have been made by both the State & Town during the past 32+/- years. The prior RIDOT 3R improvements are at or rapidly approaching their remaining useful life expectancy. Recent minor repairs and those required in the near future are unsustainable and require significant State/Town DPW workforce efforts. The proposed project is needed to preserve and enhance one of the Town's/State's economic tourism destinations.

MOBILITY BENEFITS:

Reducing standing surface water conditions and installing new road surfaces will improve the mobility of vehicle/pedestrian/bike traffic within this area. Traffic congestion due to road flooding conditions during even minor precipitation and moon tidal events occur frequently during the busy summertime period. First responders - police/fire/ambulance services have negative increases to critical response times during these noted conditions. Proposed project improvements will promote increased walkability and bikeability within the project limits area.

SAFETY AND SECURITY:

Atlantic Avenue is a major collector road system component within the Town of Westerly, and serves as one of the major evacuation routes from the Misquamicut Beach shoreline area. Transportation infrastructure improvements by elevating the existing roadbed by re-profiling the low-lying sections of Atlantic Avenue, reduction of standing surface water within the pavement surface area with installation of new drainage system improvements, and incorporation of a designated bike lane will enhance vehicle/pedestrian/bicycle safety throughout the project limits area. Presently, without a designated bike lane and significant low lying road area flooding - pedestrians/bike traffic users are vulnerable to vehicular traffic. First emergency responder access is impeded by these conditions.

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

ECONOMIC DEVELOPMENT BENEFITS:

Atlantic Avenue is a major collector road which has served to bring residents and visitors to the residential properties, Misquamicut businesses, and shoreline beaches for over 100 years. Albeit generally seasonal use, the significant recreational values and amenities of this shoreline tourist destination continue to contribute significant sources of revenues to the both the Town's & State's tourist engine. In addition, the Town receives significant property tax revenues from this long standing developed area. This area continues to support job creation, with Atlantic Avenue connecting the significant seasonal workforce with employment opportunities, and this critical transportation infrastructure component facilitates the movements of goods/services to the shoreline businesses.

COST OF EFFECTIVENESS:

The Misquamicut Beach area; with long established shoreline businesses serve as a significant portion of the Town's tourist engine. Visitors and vacationers from abroad, travel significant distances to this renown shoreline destination area because of it's unique recreation amenities and shoreline setting within Long Island Sound. Misquamicut State Beach is the State's most frequented and used shoreline facility.

EQUITY:

Atlantic Avenue a major collector transportation component of the Town which allows public access from all income classes to enjoy the recreational amenities of the Misquamicut State Beach, Westerly Town Beaches, Misquamicut area businesses, Atlantic Ocean shoreline access points and Winnapaug Pond. These improvements are needed to preserve and enhance the Town's/State's reasonable accessibility obligations for residents, visitors, business owners and patrons, and utility service providers within this shoreline destination area.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No



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Ellie Derrig

January 2016

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Town Project Priority List #11



New Project Application

Transportation Improvement Program



CONTACT	Contact Information
	Agency/Organization <u>Town of Westerly</u>
	Contact Person <u>Paul LeBlanc, PE</u> Title <u>Town Engineer</u>
	Mailling Address <u>68 White Rock Road</u>
	City <u>Westerly</u> Zip Code <u>02891</u>
	Phone <u>401-348-2562</u> Email <u>pleblanc@westerly.org</u>

PROJECT INFORMATION	Type of Project <i>select all that apply</i>			
	<input type="checkbox"/> Bridge	<input type="checkbox"/> Pavement	<input type="checkbox"/> Drainage	<input type="checkbox"/> Planning
	<input checked="" type="checkbox"/> Traffic	<input checked="" type="checkbox"/> Transit	<input type="checkbox"/> Bicycle	<input type="checkbox"/> Pedestrian
	<input checked="" type="checkbox"/> Transportation Enhancement	<input type="checkbox"/> Other _____		

PROJECT INFORMATION	Project Description	
	Project Title <u>Downtown Parking Garage (Union Street)</u>	
	Location by Street Name <u>#5 Union Street</u>	
	Project Limits - From <u>#5 Union Street</u> To <u>(Town owned parcel)</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:	

PROJECT DESCRIPTION:
The Town proposes to construct a three (3) story parking garage (approximately total 40,000sf - 125/150 parking spaces) to serve the downtown district area in order to provide vital additional off-street parking to this area. This additional parking will be needed as a result of the following: present current need, additional parking for the future CCRI Training Facility, reconfiguration of the downtown on-street parking to provide MUTCD and RIDOT conforming parking spaces and pedestrian crosswalk regulatory setbacks, Town Hall and DMV parking needs, and to allow for the promotion of a seasonal shuttle/jitney service to the Misquamicut Beach and Watch Hill tourist destinations.

ENVIRONMENTAL IMPACT:
Siting and construction of the proposed parking garage facility is not expected to result in negative adverse environmental impacts since the construction will be within a property already developed with an adult day care facility and parking lot. No increase in impervious area will result from the project, however additional greenspace and future stormwater quality improvements could be incorporated into the project. The project would result in a reduction of vehicle emissions and fuel savings if a shuttle/jitney service is provided from the facility to the shoreline and Watch Hill tourist destinations.

SUPPORT LOCAL AND STATE GOALS:
This project and well as other parking alternatives have been discussed and evaluated by the Town for some 25 years or so. Additional off-street parking alternatives and solutions have been part of the Town of Westerly Comprehensive Plan. As our Town continues to grow, the need for additional parking and alternative transportation methods for the shoreline tourism destinations continues to increase. Public support and support of the Town's local and shoreline businesses continues to grow for additional parking solutions.

Describe need for proposed project:

PROJECT NEED:

The additional need for off-street parking solutions for the immediate downtown area, Misquamicut Beach and Watch Hill area continues to increase as the Town's growth continues. This need will continue to grow in the future with the Town's reconfiguration of the downtown area on-street parking to make it compliant with MUTCD and RIDOT's minimum standards (loss of on-street parking capacity), reconfiguration of the Town's leased parking lot facility from the U.S. Post Office, proposed CCRI Training Facility, and revitalization of the downtown business district.

MOBILITY BENEFITS:

The proposed parking garage facility in the central downtown area will promote improved mobility of both seasonal and non-seasonal traffic flow patterns, would provide relief to existing congested parking conditions adjacent to the Town Hall and Christ Church facilities, and would allow some seasonal relief to traffic and parking congestion for the Misquamicut Beach and Watch Hill tourist destinations if the proposed parking garage facility is utilized in conjunction with a shuttle/jitney service.

SAFETY AND SECURITY:

Additional off-street parking via the proposed parking garage facility will aid with the loss of parking spaces from the reconfiguration of the Town's leased parking area adjacent to the U.S. Post Office and downtown on-street parking improvements. Resulting parking spaces/stalls, crosswalks and associated setbacks, and number of ADA on-street/off-street would be MUTCD, ADA, and RIDOT compliant. Pedestrian, bicycle and vehicle traffic safety would improve. Temporary spillover parking for the garage facility would also allow for better plowing and snow removal maintenance by the Town's DPW forces.

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

ECONOMIC DEVELOPMENT BENEFITS:

Providing additional off-street parking and improved safer parking access to the immediate downtown area would provide economic benefits and future development of the downtown area. In addition, some additional economic development benefits would be realized by the Misquamicut Beach area and Watch Hill area businesses from a proposed shuttle/jitney service operating from the proposed downtown parking garage facility.

COST OF EFFECTIVENESS:

The proposed public parking garage facility would add efficiencies to downtown travel, increase parking opportunities, increase downtown and shoreline destination business opportunities, and allowing improvements to be made to the downtown parking reconfiguration for compliance to minimum standards for promotion of traffic efficiency and safety. This project would compliment the proposed Friendship Street reconstruction TIP project for additional parking requirements for the proposed CCRI Training Facility. In addition, this project would allow for future enhancements and improvements to the downtown existing transportation infrastructure.

EQUITY:

The public parking facility would be available for use by Town employees, church parishioners, shopping patrons, resident and non-resident visitors, as well as all economic classes. This off-street parking facility would allow improved ADA opportunities for the on-street and off-street parking areas within the downtown area.

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

Is the project on the Federal Aid System? Yes No

Is the project on the National Highway System? Yes No

CRITERIA

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

PROJECT ESTIMATES

Project Estimates

	ROW	Study	Design	Construction	Total
Estimated Project Costs	\$ -0-	\$20,000	\$180,000	\$2,800,000	\$3,000,000
				Total Cost	\$3,000,000
				Amount Requested through TIP Process	\$3,000,000

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

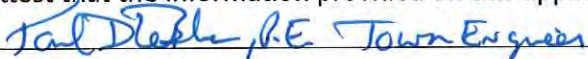
Source	Amount
Total	

Estimated date of construction Spring 2020

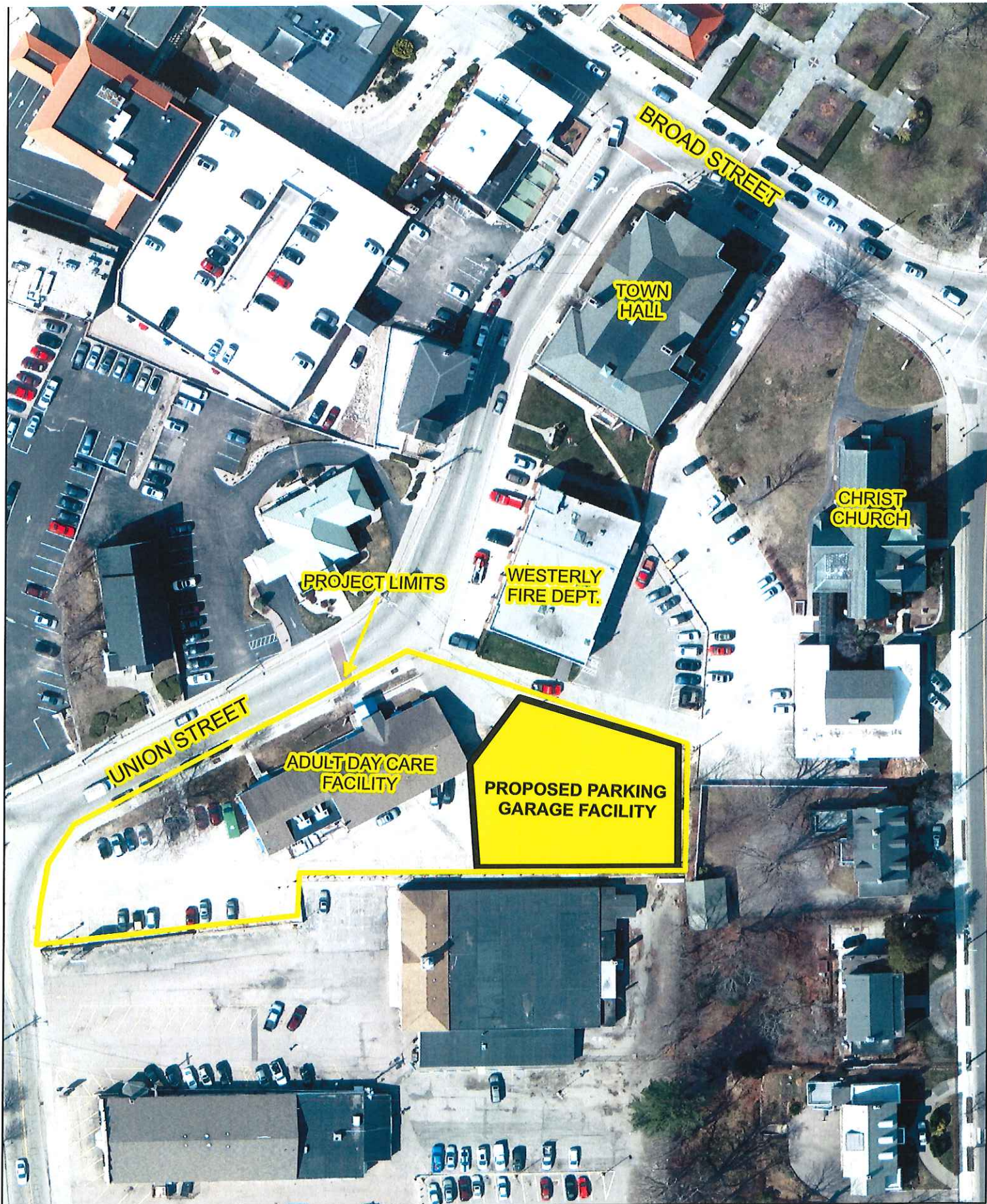
CERTIFICATION

Applicant Certification

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

	Town Engineer	Date	<u>1/8/2016</u>
Applicant's Signature	DERRIK M. KENNEDY Town Manager	Date	<u>1/8/16</u>
Chief Executive Officer's Signature		Date	

ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016



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Ellie Derrig
 January 2016
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Town Project Priority List #17

