



# Town of Smithfield

64 FARNUM PIKE  
SMITHFIELD, RHODE ISLAND 02917  
Telephone: (401) 233-1041 - Fax: (401) 233-1091

## ENGINEERING DEPARTMENT

**Kevin Cleary, PE, LSIT**  
**Town Engineer**

January 7, 2016

**Mark T. Conboy, PE**  
**Assistant Town Engineer**

Rhode Island Statewide Planning Program  
Attn: Kimberly Crabill  
One Capitol Hill  
Providence, RI 02908

**RE: Transportation Improvement Program (TIP) 2016**  
**Town of Smithfield Submission**

Dear Ms. Crabill:

Enclosed please find the required number of copies of the Town of Smithfield's Transportation Improvements Program (TIP) submission for 2016, as requested by your agency in 2015. Smithfield has submitted thirteen new projects for consideration under the program, as you can see detailed within.

The Town of Smithfield legally advertised notice for a public hearing in advance of the January 8, 2016 submission date. The public hearing was conducted at regular meeting of the Smithfield Town Council on January 5, 2016 and no comments were received in writing.

Should you need any additional information, please contact this office at your convenience.

Very Truly Yours,

A handwritten signature in blue ink that reads "Kevin Cleary".

Kevin Cleary, PE, LSIT  
Town Engineer

cc: Dennis Finlay, Town Manager  
Seth Lemoine, PE, Public Works Director  
Michael Phillips, Town Planner

Project Prioritization Cover Sheet | **Town of Smithfield**

RI  
SPP



Transportation Improvement Program

<b>CONTACT</b>	<b>Contact Information</b>		
	Contact Person	<u>Kevin Cleary, PE</u>	Title <u>Town of Smithfield</u>
	Mailing Address	<u>64 Farnum Pike</u>	
	City	<u>Smithfield</u>	Zip Code <u>02917</u>
	Phone	<u>401-233-1041</u>	Email <u>kcleary@smithfieldri.com</u>

<b>PROJECT PRIORITIZATION</b>	<b>Project Prioritization</b> <i>(please use an additional sheet if necessary)</i>			
	Priority	Listed in TIP 2013-2016		Project Name
		Yes	No	
	Low		✓	Resurfacing I-295 (Rt 5 to Rt 146)
	Medium	✓		Intersection Improvements to Douglas Pike at Branch Pike Smithfield - Roundabout
	Medium		✓	Intersection Safety Improvements to Route 44/Smithfield Commons Smithfield - Dual Left Turn Lanes
	Medium		✓	Resurfacing Rt 104, Farnum Pk and Waterman Ave (Rt 116 to Rt 15)
	High		✓	Resurfacing Rt 5, Greenville Ave and Sanderson Rd (Atwood Ave to US-44)
	Low		✓	Resurfacing Rt 7 - Douglas Pike (Whipples Pond to Joslin Rd)
	Low		✓	George Washington Hwy Bridge at I-295 NB & SB
	Low		✓	Stillwater Reservoir Bridge at RI 5 & 116 Pleasant View
	Low		✓	Spragueville Bridge, RI 116 Pleasant View Ave at Greenville Brook
	Low		✓	Putnam Pike Culvert at Reaper Brook
	Low		✓	Angell Brook Bridge, RI 7 Douglas Pike at Harris Brook
	Low		✓	Mountaindale Road SB at I-295
	Low		✓	Mountaindale Road NB at I-295
	Medium		✓	Esmond Street Bridge at Woonasquatucket River
	Medium		✓	Smithfield Bridge, RI 104 Farnum Pike at Woonasquatucket River
	Low		✓	Georgiaville Pond Bridge, I-295 NB & SB at Woonasquatucket River
	Low		✓	Farnum Pike SB, RI 104 Farnum Pike at I-295 SB
	Low		✓	Mountaindale Rd Bridge at Stillwater River

**Project Prioritization** (continued)

PROJECT PRIORITIZATION

Priority	Listed in TIP 2013-2016		Project Name
	Yes	No	
Low		✓	Watermans Reservoir Bridge at W Greenville Rd
Low		✓	Steers Bridge, W Greenville Rd at Waterman Reservoir
Low		✓	Douglas Pike North Ramp Bridge, Ramp RI 7 to I-295
Medium		✓	Esmond - Georgiaville Bridge, RI 104 Farnum Pike at Woonasquatucket River
Medium		✓	Mountaindale Rd Bridge at Reaper Brook
Low		✓	Greenville Bridge, US 44 Smith St at Slack Reservoir Brook
Low		✓	Longhouse Bridge, US 44 Putnam Pike at Mill Canal
Low		✓	Douglas Pike South Ramp Bridge, Ramp RI 7 to I-295
Low		✓	Douglas Pike North at I-295 SB
Low		✓	Douglas Pike South at I-295 NB
Low		✓	West Greenville Rd Bridge at Mill Canal
Low		✓	Mowry Road NB at I-295 NB
Medium		✓	Putnam Pike Bridge at I-295 NB & SB
Low		✓	Mowry Road SB, I-295 SB at Stillwater Rd
Low		✓	Farnum Pike NB at I-295 NB
High	x		Capron Bridge No. 792
High		x	I-295 On/Off Ramps @ Route 116 (G.W. Highway) - Study/Engineering
High		x	Route 44 resurfacing - I-295 to Commerce St
High		x	Safe Routes to School - Improvements
Medium		x	Old County Rd - Wolf Hill to Dean Ave - replace asphalt sidewalks w/ concrete
Medium		x	Cedar Swamp/Sanderson Rd (Route 5) Sidewalk/Drainage/Resurface
Medium		x	Esmond St - Route 44 to Dean Ave - new sidewalks
Medium		x	Whitman St & Fenwood Ave - new sidewalks/drainage/resurface
Medium		x	Cross St - from Stillwater Rd to Whipple Ave - Widen & Safety Upgrades
Medium		x	Dean Ave - from Esmond St to Johnston Town Line - resurface
Medium		x	Stillwater Rd - from Homestead to Cross St - new sidewalks

**Project Prioritization** (continued)

PROJECT PRIORITIZATION

Priority	Listed in TIP 2013-2016		Project Name
	Yes	No	
Medium		x	Thurber Blvd - from Douglas Pike to Stillwater Rd. - New sidewalks
Low		x	I-295 on/off ramps at Route 44 - study/engineering Crossing at Smithfield
Low		x	Smith Ave (Route 116) - resurfacing

**Required Public Hearing**

The required public hearing was held on January 5, 2016

CERTIFICATION

**Applicant Certification**

The information provided on this application is in accordance with local regulations and ordinances.

Town of Smithfield, Town Manager \_\_\_\_\_ Town Manager  
 Applicant \_\_\_\_\_ Title \_\_\_\_\_  
 Chief Executive Officer Signature \_\_\_\_\_ Date 1-7-16

**Submittal Checklist**

CHECKLIST

- 3 collated copies of complete TIP submittal package
  - Project Prioritization Cover Sheet
  - New Project Application Form for each new project
    - 2-page narrative on evaluation criteria
    - 8.5" x 11" PDF map of project location
- Email a copy of complete TIP submittal package to Kimberly.Crabill@doa.ri.gov or provide on a CD
- Submit complete TIP submittal package to:
 

Rhode Island Statewide Planning Program  
 ATTN: Kimberly Crabill  
 One Capitol Hill  
 Providence, RI 02908

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

# New Project Application

## Transportation Improvement Program



**CONTACT INFORMATION**

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

**Type of Project** *select all that apply*

Bridge       Pavement       Drainage       Planning  
 Traffic       Transit       Bicycle       Pedestrian  
 Transportation Enhancement       Other \_\_\_\_\_

**Project Description**

Project Title I-295 On/Off Ramps Engineering Study

Location by Street Name I-295 at George Washington Highway

Project Limits - From Route 116 @ I-295 NB/SB To \_\_\_\_\_

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

Provide a brief description of the proposed project:

**PROJECT INFORMATION**

Study feasibility of new diamond configuration on/off ramps to/from I-295 onto/from RI Route 116, George Washington Highway.

Describe need for proposed project:

Alleviate current and future projected traffic volumes on the Route 7 and Route 116 intersection. Alleviate current and future projected traffic volumes on the Route 146 and Route 295 intersection along Route 116, in Lincoln. The Town has designated the Route 7/116 corridor as a Growth Center and is focusing its economic development activities in this area. Recent and planned facility expansions at Bryant University, Fidelity, Alexion, FGX, and other companies have increased traffic on corridor roadways and has caused traffic congestion and delays during peak hours, most notably, during AM peak hours on the 295 SB ramps to Route 7 and at PM peak at the Route 7/116 traffic signal.

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

Development of the RI Route 116 corridor will see economic benefit with additional egress to and from interstate highway system as improved mode of transportation. The Town recently adopted a Mixed Use Overlay ordinance that allows for the development of office, light industrial, residential and retail development in the heart of this corridor. The addition of on/off ramps to/from I-295 onto/from RI Route 116, George Washington Highway will help alleviate congestion in the corridor and allow this Growth Center to flourish.

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

**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    | 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	200000	75000	300000	1300000	1875000
				Total Cost	1875000
				Amount Requested through TIP Process	1875000

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

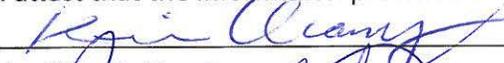
Source	Amount
Total	

Estimated date of construction TBA

**Applicant Certification**

CERTIFICATION

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

	<u>1/7/16</u>
Applicant's Signature	Date
	<u>1-7-16</u>
Chief Executive Officer's Signature	Date

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

## TIP Evaluation Criteria

### Project: I-295 on/off ramps – Engineering Study

1. **Mobility Benefits:** Project will improve mobility to and from the I-295 corridor to Smithfield's local arterial highways. Project will reduce current traffic volumes on Route 7, Douglas Pike and along various lengths of Route 116, George Washington Highway. Added benefit will likely result in a traffic volume decrease on the Route 116/Route 146/Interstate 295 interchange in the abutting Town of Lincoln.
2. **Cost Effectiveness:** The engineering study will likely be relatively be easy to conduct and investigate safe alternatives to set up on/off ramps at this local arterial highway intersection to/from I-295 in a diamond shape configuration.
3. **Economic Development:** The economic impact will result in improved mobility to all local surrounding businesses and industry due to increase options for highway access. The economics are fairly simple around the addition of this interchange to the interstate highway system. Lands currently zoned for planned development and commercial growth will see an expected development and the safe access to the interstate system will be provided.
4. **Environmental Impact:** The interstate highway corridor is relatively developed in this area currently. A minor wetland impact may be realized along the southwest quadrant of the interchange that would require impact and avoidance minimization.
5. **Supports Local & State Goals:** Local economic development goals and comprehensive community plan compliance would be met by the inclusion of alternate access to the interstate highway system.
6. **Safety & Security:** There are no anticipated safety and security concerns associated with this proposal, provided the policy on geometric design of highways and streets, latest addition is adhered to.
7. **Equity:** The equity built off this project through corridor development provided by this access will serve local and state tax bases as an investment in smart economic expansion of the business corridor to connect Smithfield further to the rest of the State and local region.



# New Project Application

## Transportation Improvement Program



CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

PROJECT INFORMATION

### Type of Project *select all that apply*

- |   |  |                                   |                                     |
|---|--|-----------------------------------|-------------------------------------|
| <input type="checkbox"/> Bridge                     | <input checked="" type="checkbox"/> Pavement | <input type="checkbox"/> Drainage | <input type="checkbox"/> Planning   |
| <input type="checkbox"/> Traffic                    | <input type="checkbox"/> Transit             | <input type="checkbox"/> Bicycle  | <input type="checkbox"/> Pedestrian |
| <input type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____         |                                   |                                     |

### Project Description

Project Title Route 44 resurfacing

Location by Street Name Route 44

Project Limits - From I-295 To Commerce St

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

Provide a brief description of the proposed project:

Mill & overlay RI Route 44, Putnam Pike from I-295 to Commerce Street intersection in Smithfield.

Describe need for proposed project:

Route 44, Putnam Pike is rutted at the major intersections and this project should be done every 20 years as predictive maintenance. Roadway segment is currently 18 years of age.

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

Maintain safe continuity of the arterial highway to ensure safe collection of traffic to and from I-295 and surrounding 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		10000	10000	250000	270000
				Total Cost	270000
				Amount Requested through TIP Process	270000

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

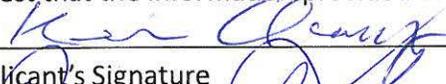
Source	Amount
Total	

Estimated date of construction TBA

CERTIFICATION

**Applicant Certification**

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

	1/7/16
Applicant's Signature	Date
	1-7-16
Chief Executive Officer's Signature	Date

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

## TIP Evaluation Criteria

Project: Route 44 - Resurfacing

1. **Mobility Benefits:** Project will improve mobility to and from the I-295 corridor along the commercial segment of Putnam Pike, Route 44. Project is merely predictive maintenance to a high traffic volume local artery.
2. **Cost Effectiveness:** The cost effectiveness of the project will be based on the mix design selected for installation. Generally a mill of the existing asphalt layer, structure adjustment and overlay of the milled surface should be a standard RIDOT specification ready to estimate improvement.
3. **Economic Development:** The commercial corridor will be provided uninterrupted service to the vast businesses and residents the local artery serves. As mentioned above, this project is predictive maintenance and should be considered at 20-year intervals.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment.
5. **Supports Local & State Goals:** Local economic development goals and comprehensive community plan compliance would be met by the inclusion of maintained access to and from I-295 onto and from Route 44.
6. **Safety & Security:** Predictive maintenance of this business corridor will ensure key intersections remain safe from tire rutting, pavement shoving and an improved asphalt wearing surface will maintain steady flow of traffic.
7. **Equity:** The equity built off this project through corridor development provided by this access will serve local and state tax bases as an investment in smart economic expansion of the business corridor to connect Smithfield further to the rest of the State and local region.

# Google Maps maps



R1 Route 44  
Resurfacing  
mill & overlay

# New Project Application

## Transportation Improvement Program



**CONTACT INFORMATION**

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

**Type of Project** *select all that apply*

Bridge       Pavement       Drainage       Planning

Traffic       Transit       Bicycle       Pedestrian

Transportation Enhancement       Other Safe Routes to Schools

**Project Description**

Project Title Safe Routes To School Improvements

Location by Street Name Pleasant View Avenue, RI Route 116

Project Limits - From Tunmore Road To Indian Run Trail

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

Provide a brief description of the proposed project:

**PROJECT INFORMATION**

Includes sidewalk, crosswalk, pedestrian signage to complete safe routes to school program, in conjunction with current RIDOT SRTS grant to Town of Smithfield.

Describe need for proposed project:

School children need safe passage to schools along school zones in the Town of Smithfield from Deerfield Drive to Indian Run Trail along Pleasant View Avenue, RI Route 116. Plans and preliminary cost estimates have been developed by the RIDOT SRTS program staff & consultants.

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

Safe passage of pedestrians to existing school along State arterial highways.

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

### 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    | 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		10000	35000	300000	345000
				Total Cost	345000
				Amount Requested through TIP Process	345000

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

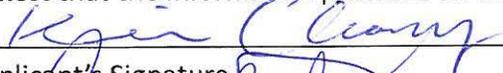
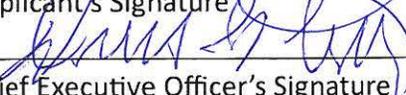
Source	Amount
RI RIDOT SRTS Program	115000
Total	230000

Estimated date of construction \_\_\_\_\_

### Applicant Certification

CERTIFICATION

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

		1/7/16	
Applicant's Signature		Date	
		1-7-16	
Chief Executive Officer's Signature		Date	

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

## TIP Evaluation Criteria

Project: Safe Routes to Schools - Smithfield

1. **Mobility Benefits:** Project will improve pedestrian/student mobility to and from local neighborhoods to existing school zones.
2. **Cost Effectiveness:** Project is partially funded through the Safe Routes to Schools program funds, 2012. The inclusion of this project to the TIP would supplement the project funding to projected revenue necessary to fund the improvements. The project is estimated at approximately \$200,000 and the SRTS funding is currently around \$95,000 for infrastructure improvements. The balance of \$105,000 would be needed to complete the project.
3. **Economic Development:** There is no economic benefit to the project. Project is a safety improvement for student/pedestrian populations commuting by foot to the school zone areas.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment.
5. **Supports Local & State Goals:** Supports local School Department goals of providing student and pedestrians with a safe mode of passage to/from the school zones.
6. **Safety & Security:** Safe passage of pedestrians/students to/from the school zones is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project is only social.

Google Maps maps



Map data ©2015 Google 200 ft

Smithfield Safe Routes to Schools  
Location Zone



# New Project Application

## Transportation Improvement Program

CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

PROJECT INFORMATION

### Type of Project *select all that apply*

- |   |                                      |                                   |  |
|---|--------------------------------------|-----------------------------------|--|
| <input type="checkbox"/> Bridge                     | <input type="checkbox"/> Pavement    | <input type="checkbox"/> Drainage | <input type="checkbox"/> Planning              |
| <input type="checkbox"/> Traffic                    | <input type="checkbox"/> Transit     | <input type="checkbox"/> Bicycle  | <input checked="" type="checkbox"/> Pedestrian |
| <input type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____ |                                   |  |

### Project Description

Project Title Replace Old County Road asphalt sidewalks with concrete sidewalks

Location by Street Name Old County Road

Project Limits - From Wolf Hill Road To Dean Ave

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

Provide a brief description of the proposed project:

Improved pedestrian transportation from Old County School to village areas of habitation. Currently the sidewalks are ADA non-compliant sidewalks in the project limits. Project would entail removing and disposing existing asphalt sidewalks and installing pre-cast concrete curbing, minor drainage structure modification and new poured in place concrete sidewalks. Project limit is approximately 5,000-ft.

Describe need for proposed project:

Improved pedestrian safety along RIDOT owned local highway.

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

Improved safety to RIDOT state owned local highway.

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

### 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    | 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		10000	100000	100000	1110000
				Total Cost	1110000
				Amount Requested through TIP Process	1110000

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

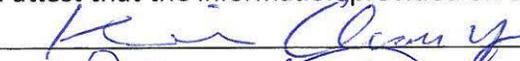
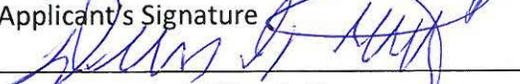
Source	Amount
Total	

Estimated date of construction TBA

### Applicant Certification

CERTIFICATION

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

	<u>1/7/16</u>
Applicant's Signature	Date
	<u>1-7-16</u>
Chief Executive Officer's Signature	Date

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

## TIP Evaluation Criteria

Project: Old County Road Sidewalk Improvements

1. **Mobility Benefits:** Project will improve pedestrian/student mobility to and from local neighborhoods to existing school zone. Existing sidewalks on State owned, state controlled right of way are not ADA compliance in some areas and are approximately 40 years of age, made of asphalt.
2. **Cost Effectiveness:** The project is estimated to cost approximately \$1,110,000, including study and engineering.
3. **Economic Development:** There is no economic benefit to the project. Project is a safety improvement for student/pedestrian populations commuting by foot to the school zone areas.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment.
5. **Supports Local & State Goals:** Supports local School Department goals of providing student and pedestrians with a safe mode of passage to/from the school zones.
6. **Safety & Security:** Safe passage of pedestrians/students to/from the school zones is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project is only social, although there is a small component of commercial equity that will be gained through improved pedestrian mobility to several small local businesses at both ends of the project limits.

Google Maps maps



Map data ©2015 Google 500 ft

Old County Rd - Smithfield  
Sidewalk Replacement.

# New Project Application

## Transportation Improvement Program



CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

PROJECT INFORMATION

### 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 type="checkbox"/> Traffic                    | <input type="checkbox"/> Transit             | <input type="checkbox"/> Bicycle             | <input checked="" type="checkbox"/> Pedestrian |
| <input type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____         |  |  |

### Project Description

Project Title Cedar Swamp Road and Sanderson Road (Route 5) - Sidewalks/Drainage/Resurface

Location by Street Name Cedar Swamp Road and Sanderson Road (Route 5)

Project Limits - From Pleasant View Avenue To Johnston Town Line

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

Provide a brief description of the proposed project:

Replace pavement surface - mill and overlay, construct roadway drainage system and construct concrete sidewalks along easterly gutter.

Describe need for proposed project:

Provide pedestrian and vehicle safety along Route 5.

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

Traffic and pedestrian safety.

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

### 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    | 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		10,000	100,000	1,000,000	1,110,000
				Total Cost	1,110,000
				Amount Requested through TIP Process	1,110,000

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

Source	Amount
Total	

Estimated date of construction TBA

### Applicant Certification

CERTIFICATION

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

	<u>1/7/16</u>
Applicant's Signature	Date
	<u>1-7-16</u>
Chief Executive Officer's Signature	Date

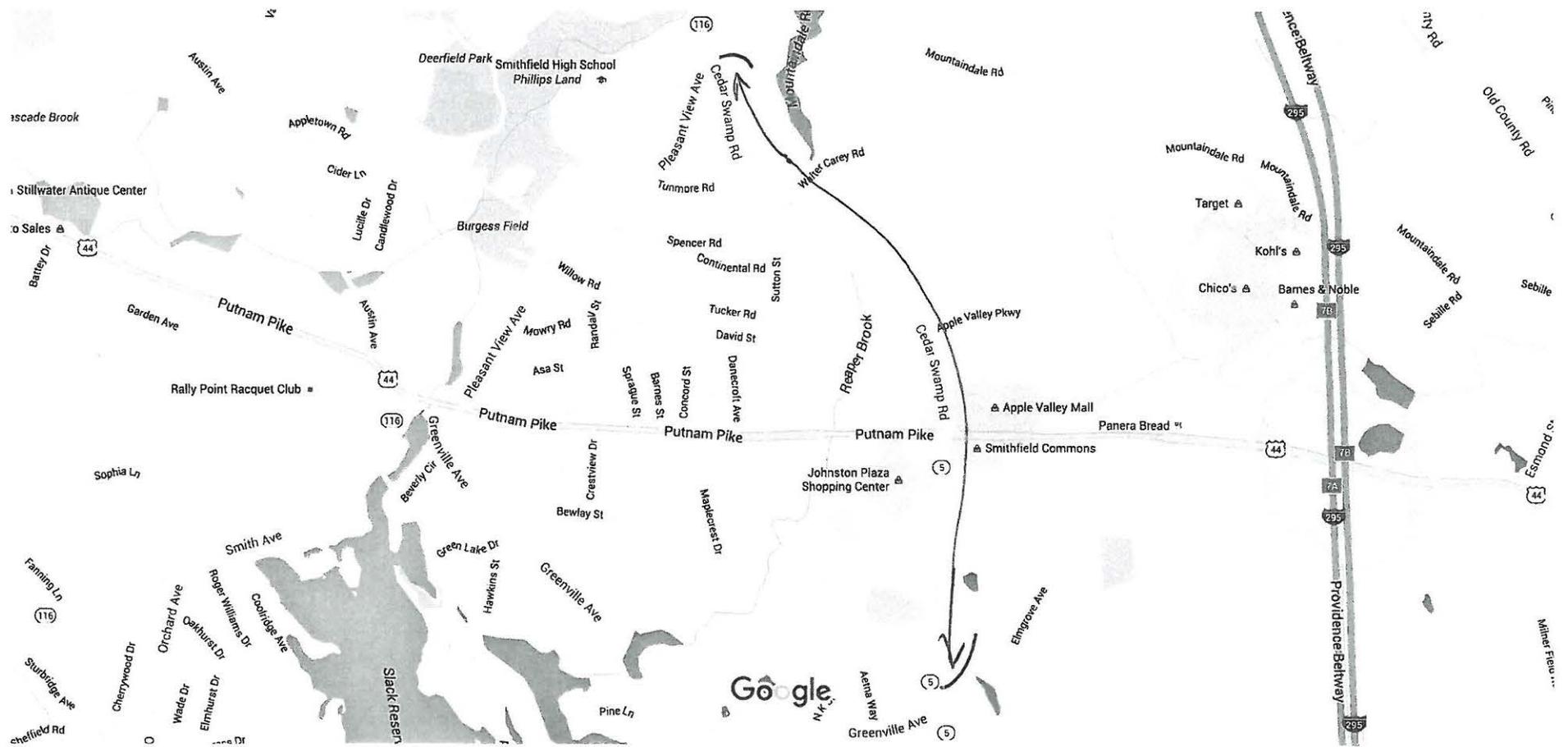
**ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016**

## TIP Evaluation Criteria

Project: Cedar Swamp Road – Resurface Project and Sidewalks

1. **Mobility Benefits:** Project will improve both pedestrian and vehicular mobility to and from local neighborhoods to existing commercial zones. There are currently no sidewalks on this State owned, state controlled collector highway and the many businesses that line the frontage of said highway have uncontrolled access. Creation of the project will serve to control driveway openings and serve a double benefit at providing safe pedestrian passage to and from the Route 44 commercial area to residentially developed zones along Route 5, Cedar Swamp Road.
2. **Cost Effectiveness:** The project is estimated to cost approximately \$1,110,000, including study and engineering.
3. **Economic Development:** Project will benefit greatly from improved safe pedestrian access to the improved vehicular mobility to and from local businesses promoting safe and responsible access management to uncontrolled access present.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment. Within the limits of the project the State right of way is developed to the limits which this project would affect.
5. **Supports Local & State Goals:** Supports local economic development goals and the objectives outlined in the Comprehensive Community Plan for safe access management in key business districts.
6. **Safety & Security:** Safe passage of pedestrians and vehicles to/from residential and commercial zones, respectively, is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project is two fold; businesses will benefit through safe entry/exit of their patrons from private properties and pedestrians will be provide an equitable route to enable safe passage to shopping & commercial areas from residential neighborhoods.

Google Maps



Map data ©2015 Google 1000 ft



# New Project Application

## Transportation Improvement Program

CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

PROJECT INFORMATION

### Type of Project *select all that apply*

- Bridge
- Pavement
- Drainage
- Planning
- Traffic
- Transit
- Bicycle
- Pedestrian
- Transportation Enhancement
- Other \_\_\_\_\_

### Project Description

Project Title Esmond Street - New Sidewalks

Location by Street Name Esmond Street

Project Limits - From Route 44 To Dean Ave

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

Provide a brief description of the proposed project:

Construct new sidewalks along Esmond Street between Dean Avenue and Route 44, Putnam Pike. Project would entail the construction of approximately 2,000-ft of new pre-cast concrete curb, poured in place concrete sidewalks and minor drainage modifications to existing highway drainage.

Describe need for proposed project:

There is currently no pedestrian sidewalks along Esmond Street between Dean Avenue and Putnam Pike. Surrounding roads; Putnam Pike, Old County Road, Dean Avenue and the town maintained/owned portion of Esmond Street (from Dean Ave to Waterman Ave) have sidewalks suitable for pedestrian passage. Pedestrians currently navigate the shoulder of Esmond street between Dean Ave and Putnam Pike at their own risk in the gutter of the arterial collector road.

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

Improved safe, pedestrian travel along roadway will connect the village center to the commercial corridor, improve pedestrian mode of transport and stimulate business along Putnam Pike.

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

### 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    | 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		10000	50000	500000	560000
				Total Cost	560000
				Amount Requested through TIP Process	560000

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

Source	Amount
Total	560000

Estimated date of construction \_\_\_\_\_

### Applicant Certification

CERTIFICATION

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

	1-7-16
Applicant's Signature	Date
	1-7-16
Chief Executive Officer's Signature	Date

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

## TIP Evaluation Criteria

Project: Esmond Street –Sidewalks

1. **Mobility Benefits:** Project will improve pedestrian mobility to and from local neighborhoods to existing commercial zones. There are currently no sidewalks on this State owned, state controlled collector highway. Creation of the project will serve to at providing safe pedestrian passage to and from the Route 44 commercial area to residentially developed zones in the Esmond Village Area.
2. **Cost Effectiveness:** The project is estimated to cost approximately \$560,000, including study and engineering.
3. **Economic Development:** Project will benefit greatly from improved safe pedestrian access to and from local businesses promoting safe. A sidewalk component should have been included in this project when the road was constructed as a result of the construction of I-295 in c.1968. The economic and safety need for this improvement is obvious.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment. Within the limits of the project the State right of way is developed to the limits which this project would affect.
5. **Supports Local & State Goals:** Supports local economic development goals and the objectives outlined in the Comprehensive Community Plan for safe access management in key business districts. Expected commercial growth in this area is expected as a local ordinance to allow key zoning provisions on certain parcels of land fronting this segment of State highway will result in the need to complete this project connecting the commercial zone to the residential district.
6. **Safety & Security:** Safe passage of pedestrians to/from residential and commercial zones, respectively, is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project is two fold; businesses will benefit through safe entry/exit of their patrons from private properties and pedestrians will be provide an equitable route to enable safe passage to shopping & commercial areas from residential neighborhoods.

Google Maps maps



Esmond Street Sidewalk Project

# New Project Application

## Transportation Improvement Program



CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

### 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 type="checkbox"/> Traffic                    | <input type="checkbox"/> Transit             | <input type="checkbox"/> Bicycle             | <input checked="" type="checkbox"/> Pedestrian |
| <input type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____         |  |  |

### Project Description

Project Title Whitman St & Fenwood St - New Sidewalks/Drainage/Resurface

Location by Street Name Whitman St & Fenwood St

Project Limits - From Waterman Avenue, Route 104 To Whipple Avenue

*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 entails drainage upgrade to existing drainage facilities within Whitman Street from Waterman Ave to High Street. Project mainly entails upgrade of existing sidewalks and inclusion of new sidewalks in neighborhood area where pedestrian volume is prevalent. Project will connect commercial corridor to manufacturing corridor and two multi use park & recreation facilities in the Town of Smithfield.

## Describe need for proposed project:

Currently there is very limited pedestrian facilities on Whitman Street. Upgrade of the existing sidewalks is critical. Drainage on Whitman Street is undersized and frequently becomes clogged, which increases maintenance intervals. Project area along Fenwood Avenue, eventually on to Whipple Avenue will connect existing athletic facilities to several well established neighborhoods. Project is aimed to create a safe passage location for pedestrians to traverse from neighborhoods to athletic facilities within the project limit and remove them from vehicular harm in the area. Project entails construction of approximately 4,000-ft of new sidewalk.

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

Increased use in pedestrian facilities from manufacturing district, library district, local park along the Woonasquatucket River and to Whipple Athletic Field is expected. Increased use in the available public facilities will result along with decrease in vehicular roadway volumes because safe pedestrian access would otherwise be provided.

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

### 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    | 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		25000	250000	1000000	1275000
				Total Cost	1275000
				Amount Requested through TIP Process	1025000

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

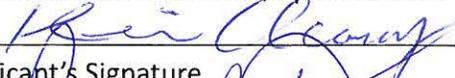
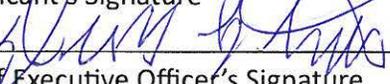
Source	Amount
Town of Smithfield General Fund - Capital Improvements Program	250000
Total	250000

Estimated date of construction \_\_\_\_\_

### Applicant Certification

CERTIFICATION

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

	_____
Applicant's Signature	Date 1/7/16
	_____
Chief Executive Officer's Signature	Date 1-7-16

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

## TIP Evaluation Criteria

Project: Whitman Street & Fenwood Avenue –Sidewalks

1. **Mobility Benefits:** Project will improve pedestrian mobility to and from local neighborhoods to existing park & recreation facilities. There are currently non-compliant ADA sidewalks on Whitman Avenue, a Town owned right of way and no sidewalks on Fenwood Avenue, also a Town owned right of way. Creation of the project will serve to at providing safe pedestrian passage to and from the Esmond Village Area to surrounding park & recreation facilities.
2. **Cost Effectiveness:** The project is estimated to cost approximately \$1,275,000, including study and engineering. The project would be supplemented with approximately \$250,000 of local tax revenue through the local capital improvements program.
3. **Economic Development:** Project will benefit greatly from improved safe pedestrian access to and from local residential neighborhoods to local park & recreation facilities.
4. **Environmental Impact:** Environmental impacts would need to be ascertained during study and design, but are expected to be minimal as the existing Town right-of-way corridors are fully developed. Drainage improvements along Whitman Street, which connect to Farnum Pike, RI Route 104, State owned highway would need to be evaluated and permitted through the appropriate agencies and authorities.
5. **Supports Local & State Goals:** Supports local economic development goals and the objectives outlined in the Comprehensive Community Plan for safe access management in key recreation zones supporting local neighborhoods.
6. **Safety & Security:** Safe passage of pedestrians to/from residential to park & recreation facilities is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project is two fold; pedestrians will be provided an equitable means of access to existing park & recreation facilities and the Town will see increased use in public facilities which generates income to the Park & Recreation program as well as the local non for profit sporting organizations the Town provides the facilities uses to.

Google Maps maps



Map data ©2015 Google 200 ft

Whitman St. & Fenwood Ave.  
 Drainage & Sidewalk Improvements

# New Project Application



## Transportation Improvement Program

CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

### Type of Project *select all that apply*

- |  |  |                                   |                                     |
|--|--|-----------------------------------|-------------------------------------|
| <input type="checkbox"/> Bridge                                | <input checked="" type="checkbox"/> Pavement | <input type="checkbox"/> Drainage | <input type="checkbox"/> Planning   |
| <input 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 Cross St - Widening & Safety Upgrades

Location by Street Name Cross St

Project Limits - From Stillwater Road To Whipple Avenue

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

Provide a brief description of the proposed project:

PROJECT INFORMATION

Widen Cross Street to allow 2-way vehicle passage.

Describe need for proposed project:

Provide safe vehicle traffic for 2-way traffic along a narrow section of road.

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

Provide safe vehicle passage.

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

### 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    | 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			70,000	700,000	770,000
				Total Cost	770,000
				Amount Requested through TIP Process	570,000

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

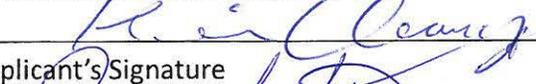
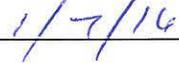
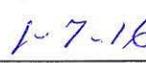
Source	Amount
Town of Smithfield General Fund - Roadway Improvements	200,000
Total	770,000

Estimated date of construction TBA

### Applicant Certification

CERTIFICATION

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

	
Applicant's Signature	Date
	
Chief Executive Officer's Signature	Date

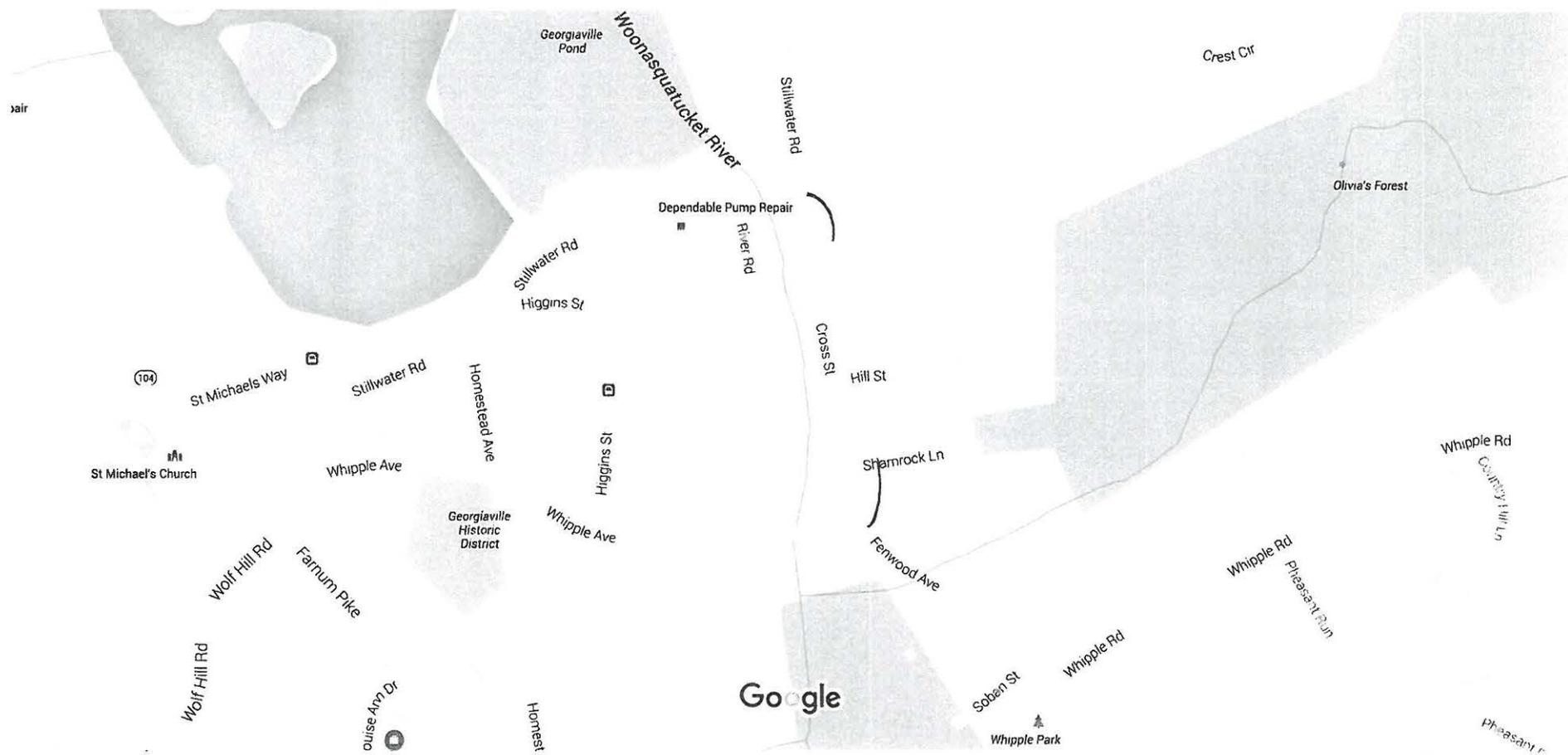
**ALL APPLICATIONS ARE DUE BY 3:00PM ON FRIDAY, JANUARY 8, 2016**

## TIP Evaluation Criteria

Project: Cross Street Widening & Geometry Improvements

1. **Mobility Benefits:** Project will improve vehicular mobility to and from local neighborhoods in the Town of Smithfield. Widening of Cross Street will involve study to determine best options for mobility through an existing residential neighborhood with a substandard width right of way.
2. **Cost Effectiveness:** The study and design of this project is anticipated to cost approximately \$70,000 and it is only estimated construction costs could be in the range of \$700,000. The project is cost effective to the point it will serve safe vehicular passage to a substandard roadway segment.
3. **Economic Development:** Project will see minimal economic benefit as a result of the upgrade to the surrounding roadway system. The Town's insurance premium may reduce to some degree due to project's completion creating a safe right of way built to a standard for vehicular passage.
4. **Environmental Impact:** Environmental impacts would need to be ascertained during study and design, but are expected to occur within the existing Town right-of-way. Drainage improvements along Cross Street at its intersection with Stillwater Road will likely be in order and would need to be evaluated and permitted through the appropriate agencies and authorities.
5. **Supports Local & State Goals:** Supports local economic development goals and the objectives outlined in the Comprehensive Community Plan for safe access management in supporting local neighborhoods.
6. **Safety & Security:** Safe passage of vehicular traffic and pedestrian traffic is the expected outcome as a result of completing the project.
7. **Equity:** The equity gained from this project would be an increased use of a substandard local collector street.

Google Maps



Map data ©2015 Google 200 ft

# New Project Application

## Transportation Improvement Program



CONTACT

### Contact Information

Agency/Organization Town of Smithfield, RI

Contact Person Kevin Cleary, PE Title Town Engineer

Mailing Address 64 Farnum Pike

City Smithfield Zip Code 02917

Phone 401-233-1041 Email kcleary@smithfieldri.com

PROJECT INFORMATION

### Type of Project *select all that apply*

- |   |  |                                   |                                     |
|---|--|-----------------------------------|-------------------------------------|
| <input type="checkbox"/> Bridge                     | <input checked="" type="checkbox"/> Pavement | <input type="checkbox"/> Drainage | <input type="checkbox"/> Planning   |
| <input type="checkbox"/> Traffic                    | <input type="checkbox"/> Transit             | <input type="checkbox"/> Bicycle  | <input type="checkbox"/> Pedestrian |
| <input type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____         |                                   |                                     |

### Project Description

Project Title Dean Avenue - Resurface

Location by Street Name Dean Avenue

Project Limits - From Esmond St To Johnston Town Line

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

Provide a brief description of the proposed project:

Resurface roadway - mill and overlay.

Describe need for proposed project:

Pavement surface in need of replacement.

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

Improve vehicle passage and safety along Dean Avenue.

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

### 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    | 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		3,000		50,000	53,000
				Total Cost	53,000
				Amount Requested through TIP Process	53,000

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

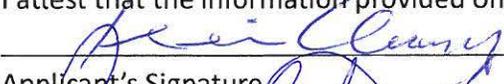
Source	Amount
Total	

Estimated date of construction TBA

### Applicant Certification

CERTIFICATION

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

	1/7/16
Applicant's Signature	Date
	1-7-16
Chief Executive Officer's Signature	Date

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

## TIP Evaluation Criteria

Project: Dean Avenue - Resurfacing

1. **Mobility Benefits:** Project will improve mobility to and from the Route 44 corridor along the commercial segment of Putnam Pike, Route 44. Project is merely predictive maintenance to a low traffic volume collector street.
2. **Cost Effectiveness:** The cost effectiveness of the project will be based on the mix design selected for installation. Generally a mill of the existing asphalt layer, structure adjustment and overlay of the milled surface should be a standard RIDOT specification ready to estimate improvement.
3. **Economic Development:** The residential corridor along Dean Avenue will be provided with an improved level of service access the arterial highways nearby; route 44 and I-295. As mentioned above, this project is predictive maintenance and should be considered at 20-year intervals.
4. **Environmental Impact:** There is no expected environmental impact associated with the project. If proper erosion controls are employed at the time of resurfacing, all impacts will be avoided to the environment.
5. **Supports Local & State Goals:** Local economic development goals and comprehensive community plan compliance would be met by the inclusion of maintained access to and from I-295 onto and from Route 44.
6. **Safety & Security:** Predictive maintenance of this residential corridor will ensure key intersections remain safe from tire rutting, pavement shoving and an improved asphalt wearing surface will maintain steady flow of traffic.
7. **Equity:** Minimal equity gain is expected as a result of this project as it should be considered a predictive maintenance roadway improvement.

Google Maps

