



Town of Richmond, Rhode Island

5 Richmond Townhouse Road, Wyoming, RI 02898
(401) 539-9000 x1 Fax: (401) 539-1089
www.richmondri.com

January 6, 2016

Ms. Kimberly Crabill
Rhode Island Statewide Planning Program
One Capitol Hill
Providence, RI 02908

Dear Ms. Crabill,

Please find enclosed the 2017-2025 Transportation Improvement Program (TIP) submission for the Town of Richmond. We spent a significant amount of time on this project and hope that our requests will receive serious consideration.

I am not an engineer, and have none on my staff, so I feel it necessary to note that we found it very difficult to estimate costs on these projects. I apologize in advance if they are not completely accurate.

We look forward to working with the Statewide Planning Division and the Department of Transportation to move these projects forward. If I can be of further assistance, please don't hesitate to contact me.

Sincerely,

Karen D. Pinch
Town Administrator

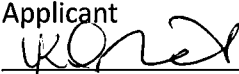
Project Prioritization Cover Sheet

Transportation Improvement Program



CONTACT	Contact Information			
	Agency/Organization	Town of Richmond		
	Contact Person	Karen D. Pinch	Title	Town Administrator
	Mailling Address	5 Richmond Townhouse Road		
	City	Wyoming	Zip Code	02898
	Phone	401-539-9000	Email	townadministrator@richmondri.com

PROJECT PRIORITIZATION	Project Prioritization <i>please use an additional sheet if necessary</i>			
	Priority	Listed in TIP 2013-2016		Project Name
		Yes	No	
	Low	X		Resurfacing Woodville Road (Rt. 3 to Switch Road)
	High	X		Kingstown Road Bridge, I-95 NB & SB at RI 138 Kingstown Road
	High	X		Third Carolina South Bridge, RI 112 Carolina at Pawcatuck River
	High	X		Second Carolina Bridge, RI 112 Carolina at Mill Canal
	Medium		X	First Carolina Bridge, RI 112 Carolina at Mill Canal
	Low		X	Resurfacing Old Switch Road (Mechanic Street to Switch Road)
	Medium		X	Miantonomi Bridge, RI 2 South County Trail at Amtrak
	High		X	Baker Pines Bridge, I-95 NB & SB at Rt. 3
	Medium		X	Kings Factory Road Bridge at Pawcatuck River
	Low		X	Kings Factory Road RR Bridge
	High		X	Heaton Orchard Bridge, RI 2 So County Trail at Usquepaug River
Medium		X	Roundabout at Intersection of Rt. 138 and Rt. 112	
Low		X	Resurfacing of Switch Road	

CERTIFICATION	Applicant Certification	
	The information provided on this application is in accordance with local regulations and ordinances.	
	Karen D. Pinch	Town Administrator
	Applicant 	Title January 6, 2016
Signature	Date	

Submittal 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

Project Prioritization Cover Sheet

Transportation Improvement Program



CONTACT	Contact Information			
	Agency/Organization	Town of Richmond		
	Contact Person	Karen D. Pinch	Title	Town Administrator
	Mailling Address	5 Richmond Townhouse Road		
	City	Wyoming	Zip Code	02898
	Phone	401-539-9000	Email	townadministrator@richmondri.com

PROJECT PRIORITIZATION	Project Prioritization <i>please use an additional sheet if necessary</i>			
	Priority	Listed in TIP 2013-2016		Project Name
		Yes	No	
	Low		X	Resurfacing of Arcadia Road
	Medium		X	Improvements to Rt. 138 at 418 Kingstown Road (Dunkin' Donuts)

CERTIFICATION	Applicant Certification	
	The information provided on this application is in accordance with local regulations and ordinances.	
	Karen D. Pinch	Town Administrator
	Applicant	Title
		January 6, 2016
	Signature	Date

Submittal Checklist

- 3 collated copies of complete TIP submittal package
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 - New Project Application Form for each new project
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 - 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

Contact Information

Agency/Organization Town of Richmond

Contact Person Karen D. Pinch Title Town Administrator

Mailing Address 5 Richmond Townhouse Road

City Wyoming Zip Code 02898

Phone 401-539-9000 Email townadministrator@richmondri.com

Type of Project *select all that apply*

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

Project Description

Project Title Roundabout - Rt. 138 at Rt. 112

Location by Street Name Route 138/Kingstown Road

Project Limits - From 190 Kingstown Road To 215 Kingstown Road

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

Provide a brief description of the proposed project:

PROJECT INFORMATION

This project is for the installation of a roundabout at the intersection of Rt. 138 and Route 112 (Richmond Townhouse Road)/Carolina Nooseneck Road. DOT has already studied this intersection and determined that this would be an improvement to traffic.

Describe need for proposed project:

A roundabout at the intersection of Rt. 138 at Rt. 112 would greatly improve the safety of this area. Route 138 westbound coming into this intersection is a downhill grade with moderate visibility. Vehicles approaching Rt. 112 from 138 eastbound and westbound often travel at a high rate of speed. Vehicles pulling out of Rt. 112 (Richmond Townhouse Road) and Carolina Nooseneck Road can easily misjudge the speed of traffic on Rt. 138, causing a dangerous entry onto Rt. 138. DOT has studied this intersection and learned that during the period between 2011 and 2013, there were 15 crashes in this area. One of these crashes resulted in a fatality, and four resulted in personal injury. A roundabout would slow the traffic on Rt. 138 coming into the intersection, thereby improving the safety of this area.

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

The State would likely bid out the project, potentially to a firm with RI resident employees, so it would be of positive economic impact to our citizens.

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					
	Total Cost				
	Amount Requested through TIP Process				\$1,250,000

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

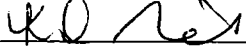
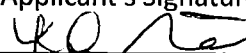
Source	Amount
Total	

Estimated date of construction _____

Applicant Certification

CERTIFICATION

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

	1/6/16
Applicant's Signature	Date
	1/6/16
Chief Executive Officer's Signature	Date

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

TOWN OF RICHMOND

TIP PROJECT #1

RT. 138/112 ROUNDABOUT

EVALUATION CRITERIA

MOBILITY – Traffic exiting Rt. 112 and Carolina Nooseneck Road onto Rt. 138 often must wait for numerous cars to pass before having a suitable opening to pull out onto Rt. 138. This is especially true during the summer months as visitor traffic is heavy from Rt. 95 at Exit 3 to South Kingstown/ Narragansett, or Newport. During certain hours, the traffic is heavy eastbound toward the beaches, and other times, the heavy traffic is headed back toward Rt. 95. These vehicles can be travelling at a high rate of speed. Often motorists exiting Rt. 112 (Richmond Townhouse Road) or Carolina Nooseneck Road misjudge the speed of vehicles and pull out into traffic when they shouldn't.

A roundabout would alleviate much of the congestion and danger of this intersection.

ECONOMIC DEVELOPMENT – This project would be one that DOT would bid out to a capable road construction firm, possibly one that is located in Rhode Island. The project would put people to work who might not otherwise have work.

This project improves the roadway between Rt. 95 at Exit 3 and beach destinations such as Newport, South Kingstown, and Narragansett.

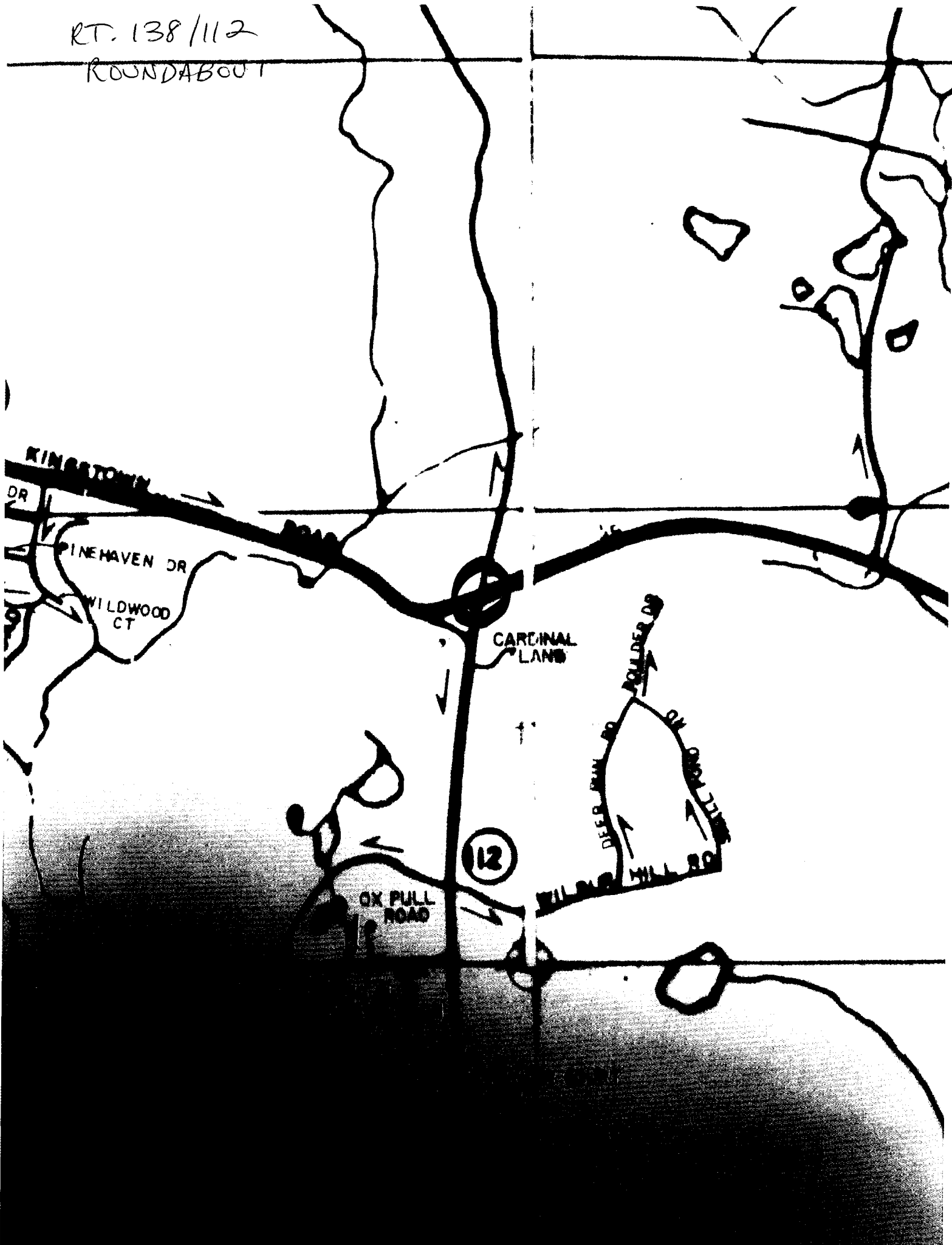
SUPPORTS LOCAL AND STATE GOALS – This is a project that has been a joint project between DOT and the Town of Richmond. Steve Pristawa from DOT has come to a Town Council meeting and presented the idea to the Council, and the Council agrees that this is a necessary improvement.

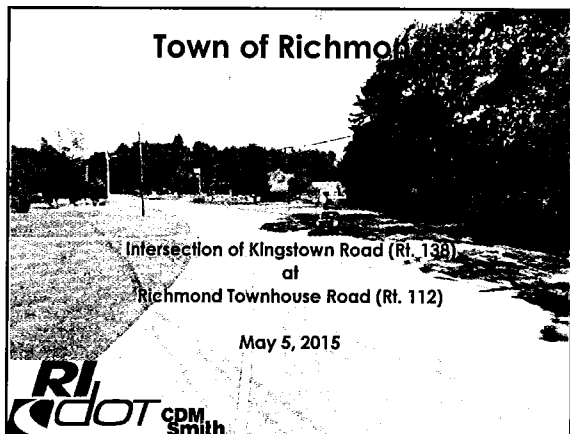
DOT's PowerPoint presentation is attached.

SAFETY AND SECURITY – As indicated previously, this roundabout would improve the safety of motorists traveling on Rt. 138 and Rt. 112 (Richmond Townhouse Road)/Carolina Nooseneck Road. Vehicles exiting Richmond Townhouse Road and Carolina Nooseneck Road must take into account the speed of vehicles travelling on Rt. 138 eastbound and westbound, and sometimes misjudge due to the high rates of speed. The Richmond School is also at this intersection, and we would hate to see a child injured due to the current configuration of this intersection.

RT. 138/112

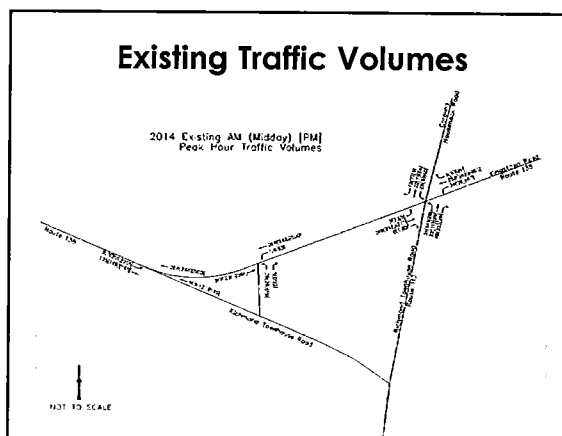
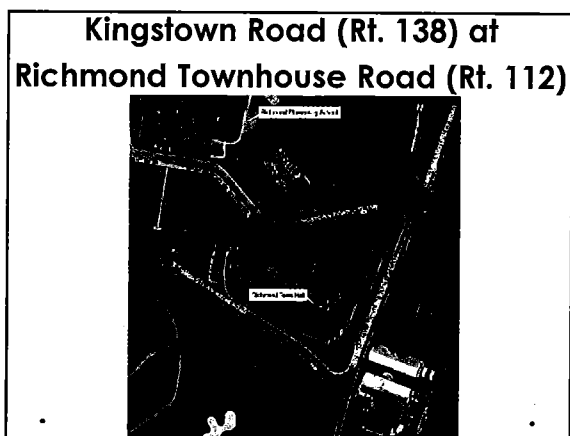
ROUNDAABOUT





Agenda

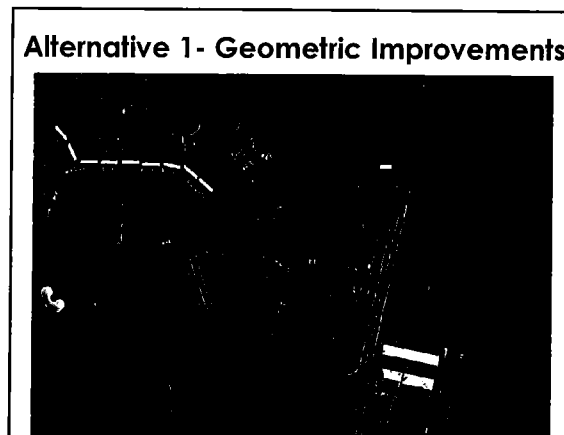
- Introduction
 - Steve Pristawa P.E., Chief Civil Engineer, Secretary of State Traffic Commission (STC)
- Existing Conditions- Kingstown Road (Rt. 138) at Richmond Townhouse Road (Rt. 112)
- Improvement Alternatives
- Roundabout Background Information
- Conclusions
- Questions/Comments



Crash Data

- 15 total crashes within the study area for the 3-year period of 2011-2013
 - 1 Fatal*
 - 4 Injury
- 6 crashes at the East intersection
- 3 crashes in the vicinity of the West intersection

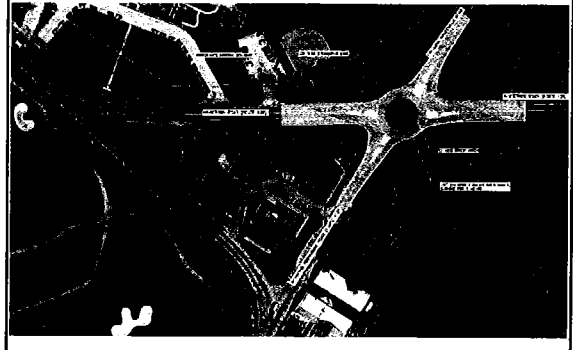
CRASH TYPE		EAST INTERSECTION		WEST INTERSECTION	
CRASH TYPE	COUNT	CRASH TYPE	COUNT	CRASH TYPE	COUNT
Left Turn	1	Left Turn	1	Left Turn	1
Right Turn	1	Right Turn	1	Right Turn	1
Through	1	Through	1	Through	1
Other	1	Other	1	Other	1
Unknown	1	Unknown	1	Unknown	1
Total	5	Total	3	Total	3



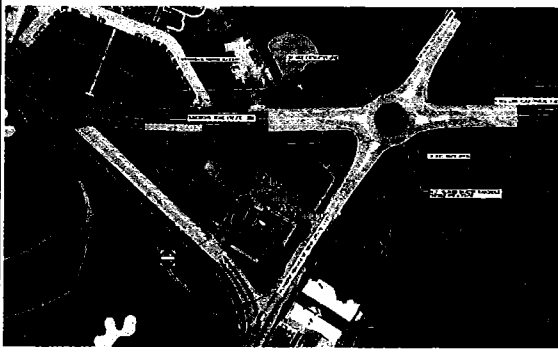
Alternative 2- Roundabout

- Alternative 2
 - Install roundabout at eastern intersection
 - Close western intersection entirely
- Modified Alternative 2
 - Install roundabout at eastern intersection
 - Allow only eastbound traffic at western intersection

Alternative 2



Modified Alternative 2



Benefits of Roundabouts

- Reduction in the Number and Severity of Crashes
- Reduce Vehicle Emissions
- High Capacity/Low Delay
- Good for All Modes of Traffic
- Geometric Flexibility
- Aesthetics
- Reduction in vehicle speeds

Roundabout vs. Traffic Circle

	Modern Roundabouts	Traffic Circles (Rotaries)
Size	150' to 230' 2-lane roundabout	600' or more
Circulatory speed	15 to 25 mph	30 to 35 mph
Deflection at entry	Sharper curve at entry	Smoother curve or no deflection
Traffic Control	Yield Control	Stop Control
Right of Way	Vehicles in the Roundabout	Vehicles Entering the Circle
Pedestrian Access	Never in the Center Island	Allow Pedestrians in the Center Island
Direction of Circulation	Counterclockwise around the Center Island	Counterclockwise or Clockwise

Roundabout vs. Traffic Circles

Washington Square
Worcester, MA



Reduce Number & Severity of Crashes

2001 study by the Insurance Institute for Highway Safety (IIHS) showed that:

- 24 intersections in the US converted from signal or stop control to roundabout
- Reduced number of crashes by 39%
- Reduced number of injury crashes by 76%
- Reduced fatal or incapacitating crashes by 90%

Reduce Vehicle Emissions and Fuel Consumption

2004 study of roundabouts across the US:

- Reduced Carbon Monoxide & Nitrous Oxide Emissions by 32 % or greater
- Reduced Carbon Dioxide Emissions by 37%
- Reduced Hydrocarbon Emissions by 42%
- Fuel consumption was reduced by about 30% *

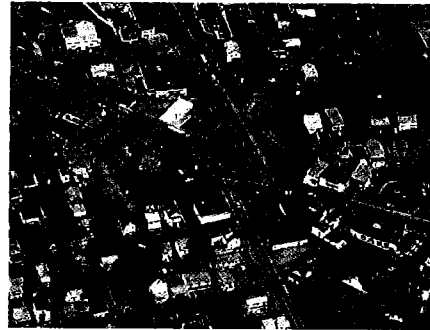
* Winters, A. 2005. The effects of roundabouts on emissions and fuel consumption: a case study. Transportation Research Part D, Transport and Environment 7:55-71.
 Also in: A. Winters, J. F. and P. M. 2004. The effects of roundabouts on emissions and fuel consumption: a case study. Transportation Research Board, Washington DC.

Roundabouts in Rhode Island

- Centerdale, North Providence
- Twin River Road, Lincoln
- Royal Mills, West Warwick
- Davisville, North Kingstown
- Fruit Hill Avenue, North Providence
- Division Street, East Greenwich
- Apponaug Bypass, Warwick *

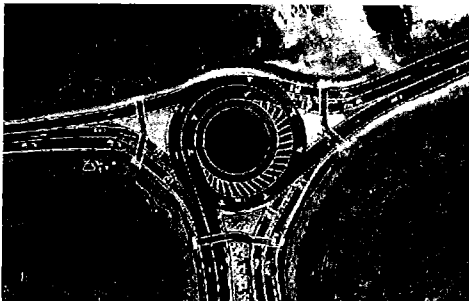
* In construction

Roundabouts in Rhode Island



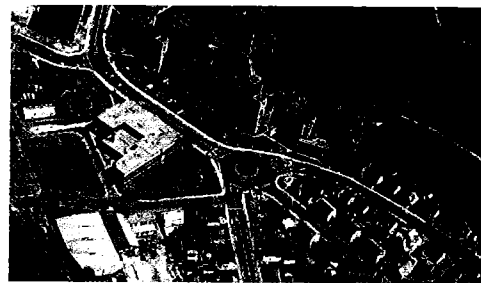
Centerdale, North Providence

Roundabouts in Rhode Island

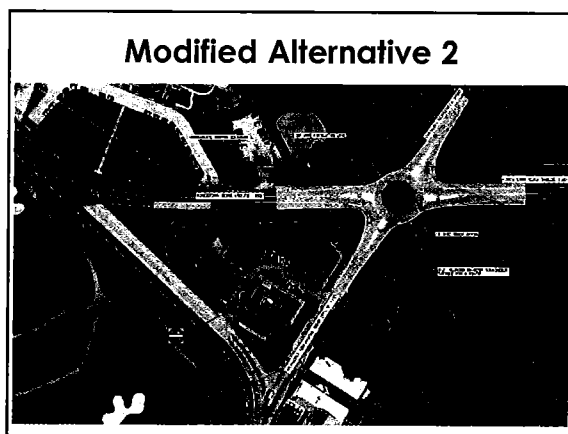
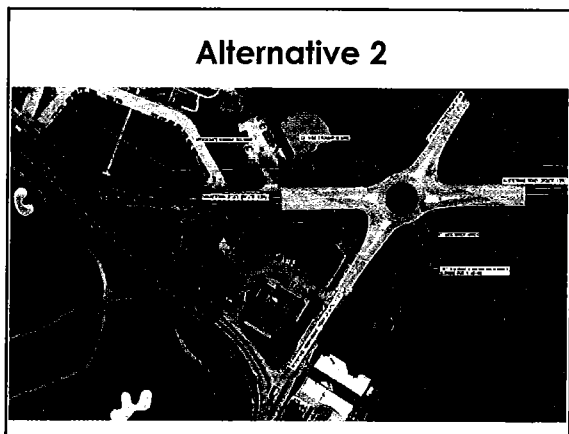
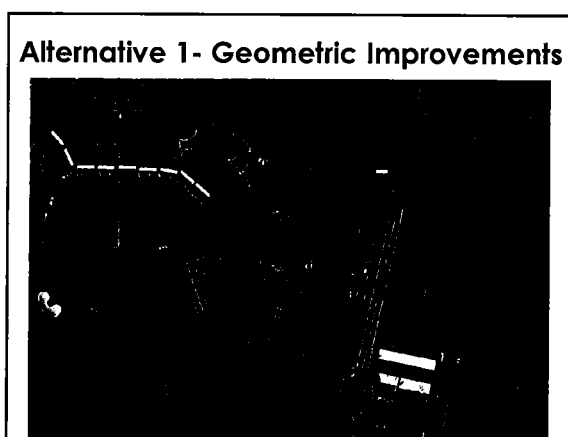
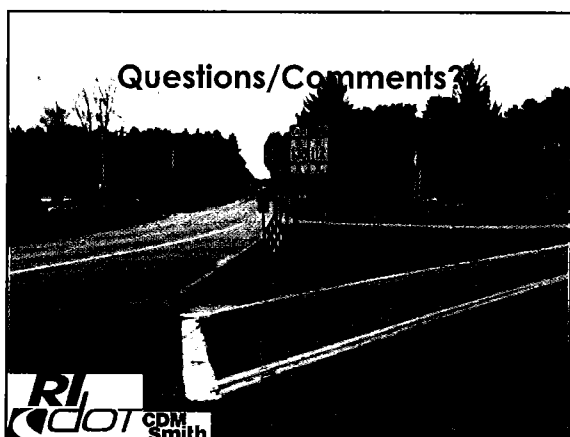
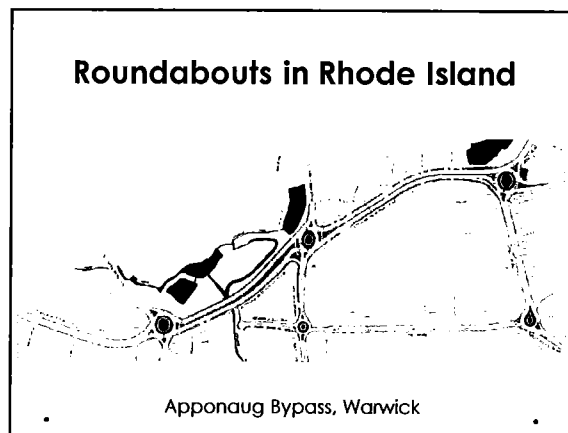
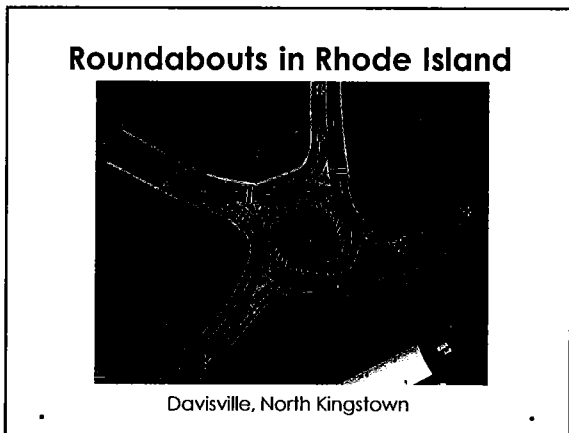


Twin River Road, Lincoln

Roundabouts in Rhode Island



Royal Mills, West Warwick



New Project Application

Transportation Improvement Program



CONTACT	Contact Information
	Agency/Organization <u>Town of Richmond</u>
	Contact Person <u>Karen D. Pinch</u> Title <u>Town Administrator</u>
	Mailing Address <u>5 Richmond Townhouse Road</u>
	City <u>Wyoming</u> Zip Code <u>02898</u>
Phone <u>401-539-9000</u> Email <u>townadministrator@richmondri.com</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 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 <u>Resurfacing of Switch Road</u>	
Location by Street Name <u>Switch Road (entire length)</u>	
Project Limits - From <u>Richmond/Hopkinton Town Line</u> To <u>Church Street (Rt. 91)</u>	
<i>Please include an 8.5" x 11" map of the site, indicating project limits.</i>	
Provide a brief description of the proposed project:	
<p>This project is a request for the State to resurface Switch Road. Switch Road is approximately 4.4 miles and this request is to resurface the entire length.</p>	

Describe need for proposed project:

Switch Road is in poor condition. Pot holes and bumps are prevalent, causing a hazard to motorists, and damage to their vehicles.

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

The State would likely bid out the project, potentially to a firm with RI resident employees, so it would be of positive economic impact to our citizens.

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					
				Total Cost	\$2.1 million
				Amount Requested through TIP Process	\$2.1 million

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

Source	Amount
Total	

Estimated date of construction _____

Applicant Certification

CERTIFICATION

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

<u><i>K. O. [Signature]</i></u>	<u>January 6, 2016</u>
Applicant's Signature	Date
<u><i>K. O. [Signature]</i></u>	<u>January 6, 2016</u>
Chief Executive Officer's Signature	Date

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

TOWN OF RICHMOND
TIP PROJECT #2
SWITCH ROAD RESURFACING
EVALUATION CRITERIA

MOBILITY – The surface of Switch Road is in need of resurfacing. It has deteriorated significantly and is full of potholes and bumps. Vehicles could potentially sustain damage due to these road hazards.

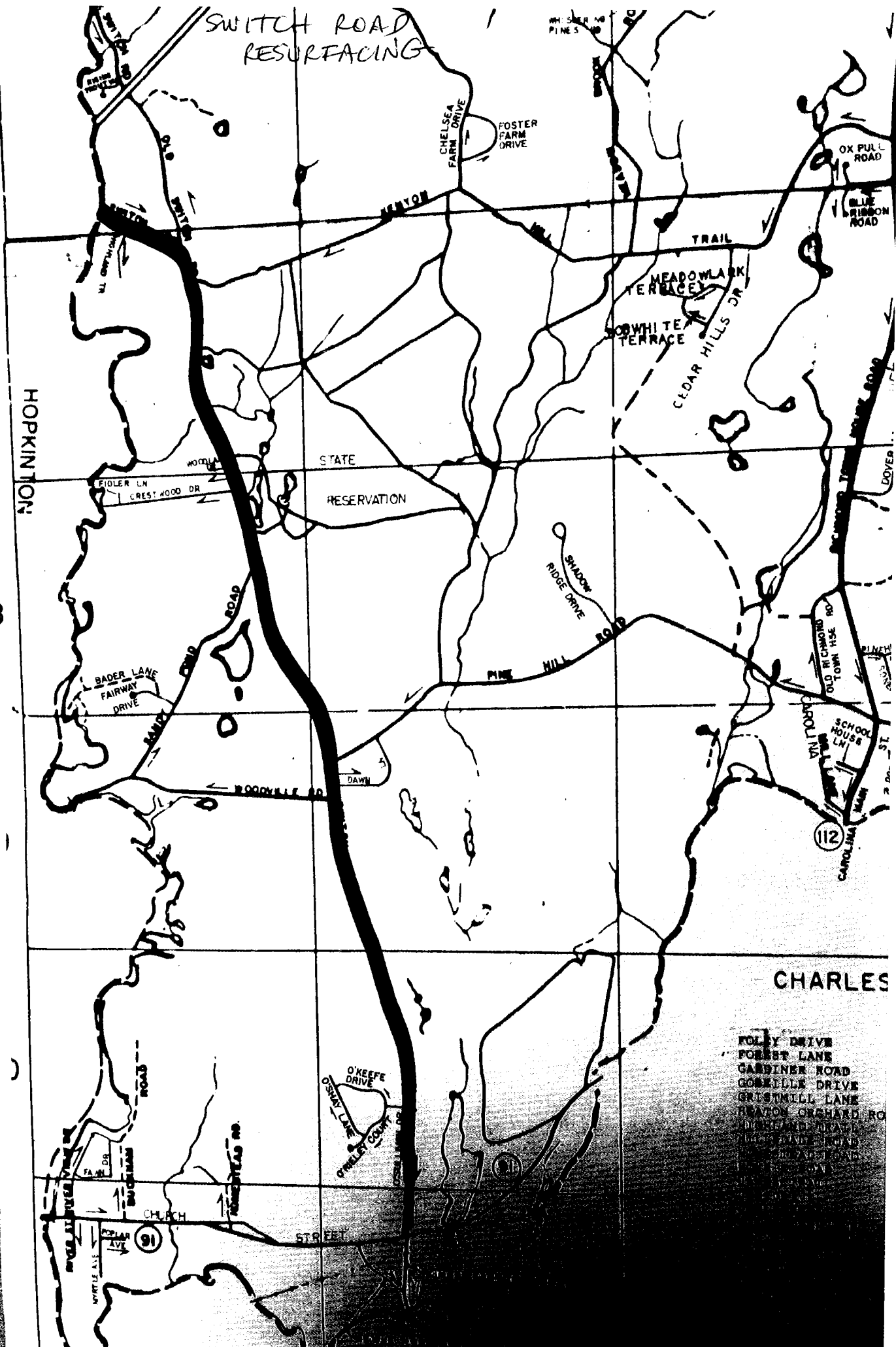
ECONOMIC DEVELOPMENT – This project would be one that DOT would bid out to a capable road construction firm, possibly one that is located in Rhode Island. The project would put people to work who might not otherwise have work.

This project improves the roadway in a highly traveled area near the Chariho Middle School and Chariho High School.

SUPPORTS LOCAL AND STATE GOALS – Mr. Barry Ricci, the Chariho Schools Superintendent, and the Town of Richmond have discussed this request, and both agree that it is a priority. There is a significant amount of daily traffic on that road as it is the only way to get to both Chariho Middle School and Chariho High School.

SAFETY AND SECURITY – Resurfacing of Switch Road would improve safety. Motorists swerving around bumps and pot holes can create a safety hazard. Further, pot holes can cause damage to vehicles, resulting in the State having to reimburse motorists.

SWITCH ROAD RESURFACING



CHARLES

- FOLLY DRIVE
- FOREST LANE
- GARDINER ROAD
- GORNELLE DRIVE
- GRISMILL LANE
- HEATON ORCHARD RO
- HUNTER ROAD
- HUNTER ROAD
- HUNTER ROAD
- HUNTER ROAD
- HUNTER ROAD

HOPKINTON

STATE RESERVATION

112

91

STREET

New Project Application

Transportation Improvement Program



CONTACT

Contact Information

Agency/Organization Town of Richmond

Contact Person Karen D. Pinch Title Town Administrator

Mailing Address 5 Richmond Townhouse Road

City Wyoming Zip Code 02898

Phone 401-539-9000 Email townadministrator@richmondri.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 type="checkbox"/> Transportation Enhancement | <input type="checkbox"/> Other _____ | | |

Project Description

Project Title Resurfacing of Arcadia Road

Location by Street Name Arcadia (Entire Length)

Project Limits - From Exeter Town Line To Hopkinton Town Line

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

Provide a brief description of the proposed project:

PROJECT INFORMATION

This project is a request for the State to resurface the portion of Arcadia Road in Richmond. Arcadia Road runs through Hopkinton, Richmond, and Exeter. The Richmond portion is approximately 2.5 miles long. This request is to resurface the entire length in Richmond.

Describe need for proposed project:

Arcadia Road is in poor condition. Pot holes and bumps are prevalent, causing a hazard to motorists, and damage to their vehicles.

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

The State would likely bid out the project, potentially to a firm with RI resident employees, so it would be of positive economic impact to our citizens.

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
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					
				Total Cost	\$1.2 million
				Amount Requested through TIP Process	

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

Source	Amount
	Total

Estimated date of construction _____

Applicant Certification

CERTIFICATION

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

KORNI January 6, 2016
Applicant's Signature Date
KORNI January 6, 2016
Chief Executive Officer's Signature Date

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

TOWN OF RICHMOND
TIP PROJECT #3
ARCADIA ROAD RESURFACING
EVALUATION CRITERIA

MOBILITY – The surface of Arcadia Road is in need of resurfacing. It has deteriorated significantly and is full of potholes and bumps. Vehicles could potentially sustain damage due to these road hazards.

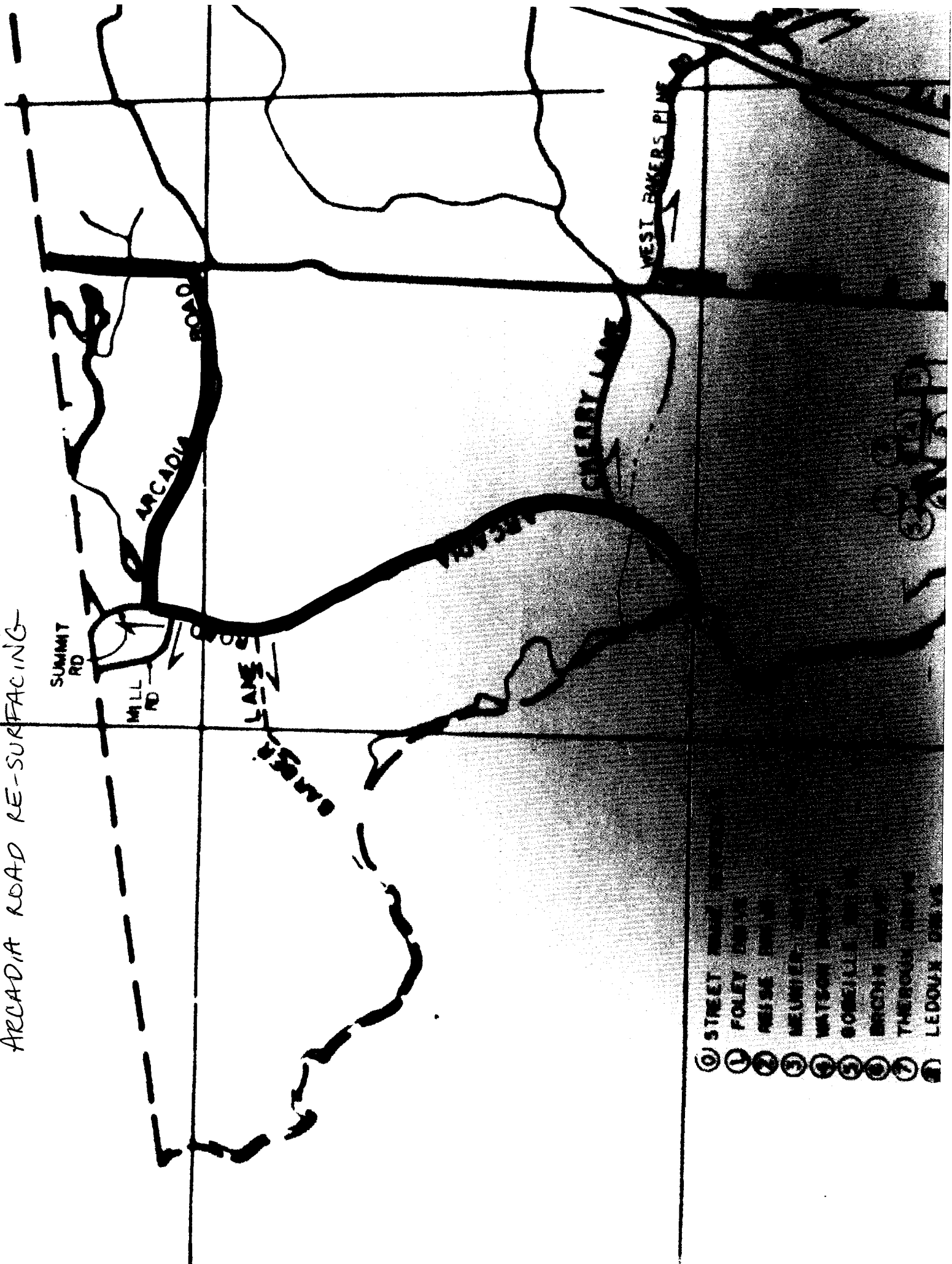
ECONOMIC DEVELOPMENT – This project would be one that DOT would bid out to a capable road construction firm, possibly one that is located in Rhode Island. The project would put people to work who might not otherwise have work.

This project improves the roadway in the Arcadia Management Area, and the Village of Arcadia.

SUPPORTS LOCAL AND STATE GOALS – Arcadia Road is the main roadway for the Arcadia Management Area, a State park.

SAFETY AND SECURITY – Resurfacing of Arcadia Road would improve safety. Motorists swerving around bumps and pot holes can create a safety hazard. Further, pot holes can cause damage to vehicles, resulting in the State having to reimburse motorists.

ARCADIA ROAD RE-SURFACING



- ① STREET NAME
- ② FOLEY ENGINEERS
- ③ RESURFACING
- ④ MEUNIER
- ⑤ WATSON
- ⑥ SOMERLEY
- ⑦ BRIDGES
- ⑧ THORNTON
- ⑨ LEDDOLPH

New Project Application

Transportation Improvement Program



CONTACT

Contact Information

Agency/Organization Town of Richmond

Contact Person Karen D. Pinch Title Town Administrator

Mailling Address 5 Richmond Townhouse Road

City Wyoming Zip Code 02898

Phone 401-539-9000 Email townadministrator@richmondri.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 checked="" 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 Reconfiguration of Rt. 138 at Dunkin Donuts

Location by Street Name 418 Kingstown Road

Project Limits - From _____ To _____

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

Provide a brief description of the proposed project:

This project is a re-configuration of the turn lane on Rt. 138 eastbound at the Dunkin Donuts at 418 Kingstown Road. Currently there is one westbound lane, and two eastbound lanes. One of the eastbound lanes is designated as a turn lane into the Dunkin Donuts on the North side of the roadway.

Describe need for proposed project:

Currently there is one westbound lane, and two eastbound lanes. One of the eastbound lanes is designated as a turn lane into the Dunkin Donuts on the North side of the roadway. This turn lane is poorly striped and configured with inadequate signage to alert oncoming traffic of a change from one opposing lane to an oncoming lane with a turning lane. The road surface is pitted and the striping is spotty which could lead to confusion. We are requesting that DOT revisit this area to confirm that the lane widths are sufficient, and that the striping and signage are clear for traffic in this area.

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

The State would likely bid out the project, potentially to a firm with RI resident employees, so it would be of positive economic impact to our citizens.

Cost is left blank because the cost will depend on the solution devised by the DOT.

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					
				Total Cost	unknown
				Amount Requested through TIP Process	unknown

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

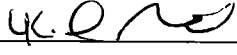
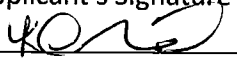
Source	Amount
	Total

Estimated date of construction _____

CERTIFICATION

Applicant Certification

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

 _____ January 6, 2016
 Applicant's Signature Date
 _____ January 6, 2016
 Chief Executive Officer's Signature Date

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

TOWN OF RICHMOND
TIP PROJECT #4
IMPROVEMENTS TO ROUTE 138
AT 418 KINGSTOWN ROAD (DUNKIN' DONUTS)
EVALUATION CRITERIA

MOBILITY – The current configuration of Route 138 eastbound at 418 Kingstown Road (Dunkin' Donuts) is somewhat confusing to motorists and potentially dangerous. In this area, Route 138 is one lane in each direction except for at this location where an eastbound turning lane was installed several years ago. Motorists are hesitant to use the turning lane because they feel like they are aligned with oncoming/westbound traffic. An improved traffic pattern with better signage and/or road markings would help to alleviate this issue.

ECONOMIC DEVELOPMENT – It is unknown whether DOT would do this project in-house, or bid it out. Either way, Rhode Islanders would be put to work.

Improving the entrance to this business could potentially increase their business.

SUPPORTS LOCAL AND STATE GOALS – This project has been discussed at Town Council meetings on more than one occasion because there are residents who feel that it is a significant problem.

SAFETY AND SECURITY – Improving this section of Route 138 would increase safety significantly. Currently, motorists don't use the turn lane because they're afraid of being hit head-on. Staying in the travel portion is also a safety hazard. Improving this design would certainly improve safety of motorists.

418 KINGSTOWN ROAD
TURN-LANE IMPROVEMENTS

