



Transportation Alternatives Program Application: Fiscal Year 2017 - 2018  
Friendship Lane/Carvins Creek Bridge Replacement  
Roanoke County, Virginia





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Letter of Support – Hollins University  
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# Project Application Form and Formal Actions

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## PROJECT APPLICATION FORM FISCAL YEAR 2017

**APPLICATION DEADLINE  
NOVEMBER 1, 2015**

Use TAB KEY to reach each field

<b>1. Project Sponsor</b>	Name and Title:	Thomas C. Gates, County Administrator
	Organization:	County of Roanoke, Virginia
	Address:	5204 Bernard Drive
	City, State, Zip+4:	Roanoke, Virginia 24018-0798
	Telephone/Fax:	(540) 772 - 2004 / (540) 561 - 2884
	E-mail Address:	tgates@roanokecountyva.gov

<b>2. Project Manager</b>	Name and Title:	Megan G. Cronise, Principal Planner
	Organization:	County of Roanoke, Virginia
	Address:	5204 Bernard Drive
	City, State, Zip+4:	Roanoke, Virginia 24018-0798
	Telephone/Fax:	(540) 772 - 2068 x 282 / (540) 776 - 7155
	E-mail Address:	mcronise@roanokecountyva.gov

<b>3. Sponsor DUNS Number</b>	62353610	<b>4. Project UPC Number</b> (Existing Projects Only)	
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<b>5. Project Title</b>	Friendship Lane/Carvins Creek Bridge Replacement
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<b>5a. Provide a description of the project and a clearly defined scope of the improvements to be made utilizing Transportation Alternatives funds.</b>
The bridge across Carvins Creek near the terminus of Friendship Lane is a vital connection between the Tinker Creek Greenway and the Plantation Road Bicycle, Pedestrian and Streetscape Improvement project (Plantation Road Project). The bridge, constructed in the 1930s, consists of concrete abutments, steel beams with a deteriorating wooden deck and rusting metal railings. The bridge is currently carefully crossed by pedestrians. The bridge must be replaced before the next segment of the Tinker Creek Greenway can be constructed between an existing Roanoke County trailhead parking lot north of Interstate 81 to the proposed bridge. The greenway segment will be constructed by volunteers and is outside the scope of this application. A gravel terminus will be constructed on the east side of the bridge and will include a kiosk and trash receptacles.

<b>6. Identify beginning and ending termini and provide a location map with the project area clearly marked.</b>
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Start Location: Friendship Lane, approximately 2,150 feet along Friendship Lane, to the northeast of the intersection of Friendship Lane and Plantation Road
End Location: 110 feet to the northeast across Carvins Creek

<b>6a. Provide ZIP+4 for project location</b>	24019-1608
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<b>7. Project Location</b>
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<b>Is this project located within a Transportation Management Area (TMA)?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
<b>If yes, please indicate which MPO area:</b>	<input type="checkbox"/> Northern Virginia	<input type="checkbox"/> Richmond	<input type="checkbox"/> Tri Cities	<input checked="" type="checkbox"/> Roanoke
	<input type="checkbox"/> Hampton Roads	<input type="checkbox"/> Fredericksburg (Portion of North Stafford in TMA)		

**If project is in a TMA, complete *Attachment A – Supplemental Information for Projects in TMAs***

<b>8. Local Jurisdiction Population (based on 2010 census data)</b>		
<input type="checkbox"/> Less than 5,000	<input checked="" type="checkbox"/> 5,000 to 200,000	<input type="checkbox"/> Greater than 200,000

<b>9. Primary Category of Eligibility (Select ONLY one)</b>
Select <b>primary category of eligibility</b> even if other categories may apply.
<input checked="" type="checkbox"/> Construction of bicycle and pedestrian facilities <input type="checkbox"/> Improvement or system that will provide safe routes for non-drivers ( <i>includes Safe Routes to School</i> ) <input type="checkbox"/> Conversion of abandoned railway corridors to trails <input type="checkbox"/> Construction of scenic turnouts and overlooks <input type="checkbox"/> Inventory, control, or removal of outdoor advertising <input type="checkbox"/> Historic preservation and rehabilitation of historic transportation facilities <input type="checkbox"/> Vegetation management within transportation rights of way <input type="checkbox"/> Archeological activities in conjunction with a highway construction project <input type="checkbox"/> Environmental mitigation activity focused on storm water management <input type="checkbox"/> Environmental mitigation activity focused on wildlife mortality or habitat connectivity

<b>10. Does this project qualify as a "Safe Routes to School" project based on the criteria below?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>Eligible infrastructure activity</li> <li>Project is located within 2 miles of an elementary / middle school</li> </ul>	
<b>10a. Do you wish to pursue this as a SRTS project? If so, complete the required Attachment B – Supplemental Information for Safe Routes to School Projects</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Project Funding**

<b>11. Total project cost (*) is to be limited to the project described in this application and based on the beginning and ending termini provided. This should not be considered the "whole" of a multi-phased project. According to the attached Project Budget - Attachment C, the following project costs can be demonstrated:</b>		
<b>11a. Total Anticipated TA Funding</b>	Cannot exceed 80% of total project cost	\$136,495
<b>11b. Total Local 20% Match Required</b>	Based on the anticipated TA funds above	\$34,124
<b>11c. Other Project Funds (Non-TAP funds)</b>	Include local funds, other grants and donations	\$0
<b>11d. Total Project Cost (*)</b>	Sum of above; should match Attachment C	\$170,619

<b>12. Total Anticipated Transportation Alternatives Funding (same as Item 11a above)</b>			
		<b>Federal Funding</b>	<b>Local Match Required</b>
<b>12a. Current TA Funds Requested</b>	This Application Only	\$136,495	\$34,124
<b>12b. Prior TE/TA Funds Received</b>	This Project Only	\$0	\$0
<b>12c. Future TA Funds</b>	This Project Only	\$0	\$0

<b>13. Do you plan to use in-kind to meet all or part of the 20% local match requirement?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>13a. If yes, provide the estimated value of services and / or donations to be applied as in-kind match.</b>	Value: \$
<b>13b. If planning to use in-kind match, explain in detail the services to be provided and where possible, provide documentation identifying the donations being made and the dollar value for each.</b>	

<b>14. If the 20% local match is being provided in cash, identify the proposed source(s) of funding.</b>
Roanoke County Department of Community Development Funds

<b>15. A local 20% match contribution is required – how much additional <u>local</u> funding (above the required 20%) is proposed?</b>
\$0

<b>16. Is there additional (above the 20% match) non-sponsor or <u>non-local</u> funding available for this project – other grants, state funds, corporate donations, etc.?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, provide the amount of non-local funds, identify the source of this funding and documentation confirming the commitment of these funds including when they will be available.	

<b>17. If this request is not fully funded, or if the estimated project cost increases during design, how do you plan to complete this project?</b>
Begin PE with available match funds and continue to apply for other sources of funding, such as Regional Surface Transportation Program, Revenue Sharing or Roanoke County Capital Improvement Program funds.

**Project Concept**

<b>18. Has the sponsor performed an on-site evaluation of the project to determine the project's constructability and cost?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, provide date and attendees.	
9/14/2011: Megan Cronise, Principal Planner and Brian Epperley, Transportation Engineer 11/22/2013: David Holladay, Planning Administrator and Megan Cronise, Principal Planner 5/28/2014: Megan Cronise, Principal Planner and Lindsay Blankenship, Greenway Planner	

<b>19. Describe any possible challenges or obstacles that will require additional design consideration, cost or design waivers.</b>
The existing bridge spans Carvins Creek and lies in the FEMA floodway and floodplain. The project budget accounts for both a FEMA Flood Study and a FEMA Map Revision, if needed. The proposed bridge is designed to replicate existing or reduce the amount of obstruction in the floodway and floodplain.

<b>20. The use of federal transportation funds requires compliance with the <i>Americans with Disabilities Act (ADA)</i>; describe how this project will meet these design requirements.</b>
If this is a pedestrian and/or bicycle facility, include a description of the proposed surface (concrete, asphalt, etc) and width of the completed facility including any bridges.
The project will comply with the ADA. The 14-foot-wide prefabricated bridge will have a wooden deck and the terminus will be constructed with compacted 21-B stone. An existing guardrail adjacent to Friendship Lane will be replaced with appropriately-spaced bollards. The slope between the Friendship Lane edge of pavement and the proposed bridge will be no greater than 5 percent and will be constructed of compacted 21-B stone.

<b>21. Describe any anticipated challenges to meeting ADA design requirements including slope / terrain, RW limitations, historic features, etc.</b>
No ADA challenges are anticipated.

<b>22. Is the project located within a designated historic district or within a downtown business district?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, how will the project improve the aesthetic value of the affected area? What economic impacts will the proposed changes have?	

**23. It is expected that the sponsor will maintain the facility for its useful life. Provide details regarding maintenance and upkeep of the completed facility – identify who will be providing upkeep, what services will be provided, how long the services will be provided and where the funding for these services will come from.**

Roanoke County Parks, Recreation and Tourism will provide upkeep for the bridge, gravel area, kiosk and trash receptacles from its operating budget.

**24. If this project is for a pedestrian and/or bicycle facility, mark which best describes the project's primary transportation function:**

- N/A Not a pedestrian / bicycle facility
- Commuting to and from workplace
- Residential connections
- Recreational / exercise
- Alternate transportation for daily needs (shopping, school, library)

**25. If this project involves restoring an historic transportation facility, describe the proposed future use of the restored facility including details regarding the proposed staffing and operation of the facility, identifying potential funding sources for these activities.**

- N/A Not an historic preservation project

**26. If this project provides vegetation management, describe the transportation right-of-way and how the project will improve roadway safety, prevent against invasive species, and/or provide erosion control.**

- N/A Not a vegetation management project

**27. If this project provides for archeological activities, describe the negative impacts of the related transportation project and how the proposed TA activities will improve or mitigate these impacts.**

- N/A Not an archeology project

**28. If this project provides environmental mitigation and/or pollution prevention – identify the impacts of highway construction and/or highway run-off and describe how the proposed TA activities will improve or mitigate these impacts. Identify any waterways (rivers, streams, etc) being directly impacted / polluted by the current run-off.**

- N/A Not an environmental mitigation project

**29. Does this project support or improve an existing or planned highway project?**

Yes  No

If yes, identify the highway project and explain how this TA project will improve or support it.

The Plantation Road Project (UPCs 98220 and 103607) will provide bicycle and pedestrian accommodations along Plantation Road (Route 115) connecting to Roanoke County's Walrond Park and to the Tinker Creek Greenway. Once the proposed bridge is replaced, the next segment of the Tinker Creek Greenway can be constructed by volunteers between the bridge and the existing Roanoke County trailhead parking lot north of Interstate 81. Construction of the greenway is outside the scope of this application.

The proposed bridge enabling a connection to the Tinker Creek Greenway will improve and expand the bicycle and pedestrian accommodations included in the planned Plantation Road Project. The Tinker Creek Greenway currently accesses the Carvins Cove Boat Dock and the 40 miles of trails at Carvins Cove Natural Reserve, including the Appalachian Trail.

**Project Improves Transportation Network**

<b>30. Does the project provide new access (access that does not currently exist) to transit stations, commuter lots, bus stops, etc.?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, provide a description of the public transportation links and explain how this TA project will improve the existing network.

<b>31. Does the project provide connections to existing regional trails or pedestrian / bicycle facilities? Does the project provide a "missing link" in the existing transportation network?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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If yes, explain making sure to identify the specific location and connections provided and the missing links addressed. Include a location map to demonstrate the connections and/or missing link.

Once the proposed bridge is replaced, the next segment of the Tinker Creek Greenway can be constructed by volunteers between the bridge and the existing Roanoke County trailhead parking lot north of Interstate 81. (Construction of the greenway is outside the scope of this application.) The Tinker Creek Greenway extends 2.5 miles north from the trailhead parking lot to the boat dock at Carvins Cove Natural Reserve. This facility provides over 40 miles of trails and access to the Appalachian Trail. Once complete, the Tinker Creek Greenway will connect Carvins Cove Natural Reserve with the Roanoke River Greenway.

<b>32. Does the project provide bicycle/pedestrian facilities where none previously existed?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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If yes, explain why this location was chosen and include pictures of the proposed location.

While pedestrians and bicyclists have unofficially used this crossing for many years, the proposed bridge replacement will allow for a safe, ADA-compliant crossing with a formal terminus providing information and access to the next phase of the Tinker Creek Greenway.

<b>33. Does this project increase opportunities to meet daily needs without motorized transportation?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, give specific destinations served including schools, libraries, shopping, healthcare, etc. and the anticipated number of persons that will benefit or use the facility.

<b>34. Does this project add features/devices that will improve bicycle and pedestrian safety (ex. crosswalks, bike/ped signals, lighting, physical barriers to separate facilities, etc.)?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, provide a description including any accident data available.

<b>35. Does this project incorporate traffic calming design elements?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, explain what traffic calming elements are being incorporated and how they will improve pedestrian safety.

<b>36. Is this project in the locality's local/regional transportation plan?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name the plan and explain how this project will help achieve or support the plan goals.	
<p>The <i>Hollins Area Plan (2008)</i>, a component of the <i>Roanoke County Comprehensive Plan (2005)</i>, includes an implementation strategy to complete the Tinker Creek Greenway in the Hollins area.</p> <p>The <i>2013 Virginia Outdoors Plan</i> includes, "Develop the Tinker Creek-Carvins Creek trail to connect Carvins Cove with the Roanoke River Greenway and eventually with the Appalachian Trail." (page 10.58) The Tinker Creek Greenway is also identified in the <i>Update to the Roanoke Valley Greenway Plan (2007)</i> and the <i>Hollins University Master Plan (2004)</i>.</p> <p>Improvements proposed as part of the Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project are included in the <i>Constrained Long Range Transportation Plan 2035</i>, the <i>Virginia Surface Transportation Plan 2035 Update</i>, the <i>Regional Pedestrian Vision Plan (2015)</i> and the <i>Bikeway Plan for the Roanoke Valley Area MPO – 2012 Update</i>.</p>	

**Sponsor's Ability to Administer Federal Project**

<b>37. The sponsor is required to provide an employee who is responsible for all major project decisions. This person is referred to as the sponsor's Responsible Person (RP) and may or may not be the project manager.</b>
Identify the staff member assigned as the "Responsible Person" for this project:
<p>Name: Richard Caywood, PE</p> <p>Title: Assistant County Administrator</p> <p>Years in this position: 3</p>

<b>38. Describe the experience and / or training that qualifies this person to be the responsible charge for a <u>federal-aid</u> transportation project.</b>
Mr. Caywood served for over 20 years with VDOT and the final 9 years as the VDOT Salem District Administrator. Mr. Caywood delivered both individual projects as well as provided overall management of project delivery for many years. He worked on both rural and urban federal aid projects ranging in value from very small to the \$100 million dollar range. Mr. Caywood also worked with local governments across the Commonwealth to deliver both state funded and federal aid projects.

<b>39. Select from the following the best choice describing the RP's experience:</b>
<input checked="" type="checkbox"/> The RP has successful experience providing oversight or administering a federal aid transportation project within the previous five years. <input type="checkbox"/> The RP has successful experience participating as a team member, but not a RP, for a federal aid transportation project. <input type="checkbox"/> The RP has no experience with federal aid projects, but has provided oversight for a state-aid transportation project. <input type="checkbox"/> The RP has no experience providing oversight for a transportation project.
Regarding the experience noted above, briefly describe the two (2) most recent <u>federal-aid</u> projects including project scope, phases included (PE, RW, CN), cost and whether or not the project finished on-time and on-budget.
<p>Mr. Caywood left VDOT in 2012 with one of the highest on-time and on-budget amongst the 9 VDOT Districts over a large program of projects. Two recent projects include:</p> <ol style="list-style-type: none"> <li>1. Realignment of Bent Mountain Road, Route 221, in Roanoke County (UPC 95812, \$26,687,000 project, on-time and on budget)</li> <li>2. Road widening and construction of a roundabout on Colonial Avenue, Route 720, in Roanoke County (UPC 15189, \$6,581,000, on-time and on-budget)</li> </ol>

<b>40. Describe the RP's role and responsibilities while overseeing these projects.</b>
Mr. Caywood served in an executive level management role with recent projects; however, over the years he had very direct roles in project delivery including oversight of design, right of way acquisition, and field-level project delivery. Throughout Mr. Caywood's VDOT career he was responsible for various levels of work order approval.

<b>41. Has the RP completed VDOT's Core Curriculum on-line training found on VDOT's Locally Administered Projects webpage (<a href="http://www.virginiadot.org/business/local-assistance-lpt.asp">www.virginiadot.org/business/local-assistance-lpt.asp</a>)?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>VDOT is required by federal regulation to ensure that the sponsor is adequately staffed to ensure the project is satisfactorily completed. Sponsors may supplement their staff with consultants, including project management duties.</b>	
Is the Responsible Person also the Project Manager (PM)?	If not, indicate:
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> The following staff member will be assigned as Project Manager: <u>Megan Cronise, Principal Planner;</u>
<input checked="" type="checkbox"/> No	<input type="checkbox"/> Project management will be performed by a consultant

<b>43. The sponsor's staff and their consultants must have a working knowledge of the locally administered projects (LAP) process and the federal regulations affecting federal aid projects. Select from the following the best choice describing the proposed PM's experience:</b>
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<input checked="" type="checkbox"/> The PM has been lead project manager on one or more federal aid transportation project(s) within the previous five years. <input type="checkbox"/> The PM has not directly managed, but has been a team member on one or more federal aid project(s) within the previous five years. <input type="checkbox"/> The PM has no experience with federal-aid projects, but has successfully managed a state-aid or locally funded transportation project within the previous five years. <input type="checkbox"/> The PM has no experience managing a transportation project in the recent past. <input type="checkbox"/> Unknown – the project management duties will be performed by a consultant.
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Regarding the experience noted above, briefly describe the two (2) most recent <u>federal-aid</u> projects including project scope, cost and whether or not the project finished on-time and on-budget.
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<input type="checkbox"/> N/A
Ms. Cronise is currently the Project Manager for the Plantation Road Project (UPCs 98220 and 103607), a \$3.8 million, locally-administered project utilizing both Federal and State funds anticipated to start construction in early 2016. The project is currently in the Right-of-Way phase and is on-schedule. Ms. Cronise also attended the VDOT Local Area Programs Workshops in 2012, 2013 and 2014.

<b>44. Describe the PM's role and responsibilities managing the referenced projects including any challenges / delays encountered. How were these challenges resolved?</b>
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<input type="checkbox"/> N/A
Ms. Cronise and Mr. Caywood work with the consultants and VDOT staff to ensure that all requirements are satisfied, the project moves forward in a timely manner and the community is kept apprised of the project's status and progress. Ms. Cronise and Mr. Caywood have worked with the consulting firm and VDOT staff to navigate challenges with the Plantation Road Project including unanticipated utility relocations resulting in scope changes.

<b>45. Provide PM's most recent experience managing a Transportation Enhancement / Alternatives project include brief project description, history and any challenges encountered.</b>
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<input type="checkbox"/> N/A
The Plantation Road Project was awarded Transportation Enhancement funding in FY 2012-2013 and Transportation Alternatives funding in FY 2013-2014. The project also has Revenue Sharing and Regional Surface Transportation Program (FY 2014-2016) funding. Ms. Cronise has worked on the Plantation Road Project since its inception in 2009.
The Plantation Road Project encompasses the length of Plantation Road (Route 115) from Interstate 81 to Williamson Road (Route 11), a distance of about one mile. Proposed improvements include sidewalks, shared use paths, pedestrian crosswalks and signals, street trees, pedestrian-scaled lighting, a Hollins community identification sign, landscaping and drainage improvements. One of the primary goals of constructing the shared use paths is to connect Walrond Park with the Tinker Creek Greenway which then intersects with an extensive network of trails at Carvins Cove Natural Reserve. Phase 1 of the Plantation Road Project is in the Right-of-Way phase and construction is anticipated to begin in early 2016.

<b>46. Has the PM completed training utilizing FHWA's Federal Essentials for Local Public Agencies (<a href="http://www.fhwa.dot.gov/federal-aidessentials/">www.fhwa.dot.gov/federal-aidessentials/</a>)?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>47 Will the sponsor need to supplement their staff to complete their federal aid project?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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If yes, select the services which will need to be outsourced:

Type of Services	✓	Comments, if necessary
Project Management	<input type="checkbox"/>	
Environmental	<input checked="" type="checkbox"/>	
Design	<input checked="" type="checkbox"/>	
Right of Way	<input checked="" type="checkbox"/>	VDOT 30' Prescriptive Easement
Construction Engineering / Management & Inspection	<input checked="" type="checkbox"/>	
Materials Testing	<input checked="" type="checkbox"/>	
Other, please specify	<input checked="" type="checkbox"/>	FEMA Floodway/Floodplain Analysis

<b>48. The sponsor must be able to demonstrate "sufficient accounting controls" to administer a federal-aid project. This requirement is identified in Chapter 2.2 of the VDOT LAP Manual. Briefly describe the financial management system – including software and how costs are verified – currently in place that will track / monitor project costs for reimbursement.</b>
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Roanoke County uses the Performance financial software system. The system functions similar to any governmental accounting system utilizing fund accounting. A separate account would be set up for the project to track and monitor expenditures. In order for charges to be applied to the account, invoices and work performed will be reviewed by the Department of Community Development. The Department will then enter a voucher and authorize the invoice payment. The voucher and all supporting documentation will be submitted to the Accounts Payable division in the Department of Finance to be processed in the next scheduled check run. Detail transaction and summary reports can be run from the system to review project activity.

**Project's Readiness to Proceed**

<b>49. Design / engineering will be performed:</b>
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- In-house by local staff
- In-house utilizing a current on-call contract
- Utilizing an outside consultant firm yet to be procured
- Utilizing an outside consultant firm already procured for use on this project

<b>50. Is this project part of a larger / multi-phased project?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, provide the current status of the other phases and describe how they relate to this project – including a map may be helpful.

<b>51. Has a master plan, feasibility and/or preliminary engineering studies been completed?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, attach a copy of the plan / study and briefly summarize the results below.

<b>52. Has design work started?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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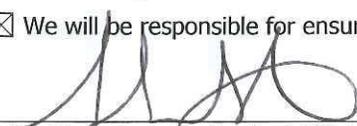
Design has been started, and  30% plans /  50% plans /  100% plans have been completed.

<b>52a. Have these plans been reviewed by appropriate state / local official?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>53. The ability to secure right of way (including easements) needed for a project is critical to a project's success; which of the following best describes the right of way situation for this project:</b>			
<input type="checkbox"/> All right of way required is publicly owned (local and/or state) <input checked="" type="checkbox"/> Right of way is privately owned but right of public use has been secured by deed (donated or purchased) <input type="checkbox"/> Right of way is secured with the exception of some temporary / construction easements <input type="checkbox"/> Right of way has not yet been secured for this project (includes when RW acquisition has started but not been completed) <input type="checkbox"/> It is unknown what right of way and/or easements will be needed			
<b>54. This program will not participate in the cost of relocating overhead utilities for scenic beautification purposes. It will however participate in the costs required to eliminate conflicts. Are there existing utility poles located within the proposed project area that will need to be relocated in order to complete the proposed improvements?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, include pictures of poles within the specified project area explaining how they will impact the project and explain how the conflicts will be resolved.			
<b>54a. Has the right of way needed for relocation of the poles been secured?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
<b>55. If overhead utilities are in conflict, has the local utility company(s) been consulted regarding removal and /or relocation of its facilities?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
If yes, please identify the utility carrier(s) and specify whether or not these costs are included in the attached budget.			
<b>56. Are there other conflicts / obstacles that must be addressed for the project to move forward?</b>			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> No conflicts / obstacles present  <input checked="" type="checkbox"/> Underground utilities (gas, water, sewer)  <input checked="" type="checkbox"/> Guardrail, mailboxes, signs or other roadway structures  <input type="checkbox"/> Retaining wall </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Drainage  <input type="checkbox"/> Impact to historic properties/district  <input checked="" type="checkbox"/> Other FEMA Floodway/Floodplain Analysis </td> </tr> </table>		<input type="checkbox"/> No conflicts / obstacles present <input checked="" type="checkbox"/> Underground utilities (gas, water, sewer) <input checked="" type="checkbox"/> Guardrail, mailboxes, signs or other roadway structures <input type="checkbox"/> Retaining wall	<input type="checkbox"/> Drainage <input type="checkbox"/> Impact to historic properties/district <input checked="" type="checkbox"/> Other FEMA Floodway/Floodplain Analysis
<input type="checkbox"/> No conflicts / obstacles present <input checked="" type="checkbox"/> Underground utilities (gas, water, sewer) <input checked="" type="checkbox"/> Guardrail, mailboxes, signs or other roadway structures <input type="checkbox"/> Retaining wall	<input type="checkbox"/> Drainage <input type="checkbox"/> Impact to historic properties/district <input checked="" type="checkbox"/> Other FEMA Floodway/Floodplain Analysis		
<b>57. Attachment A – Supplemental Information for TMA projects</b> Required if project is located in an MPO within a TMA.	Attached: <input checked="" type="checkbox"/>		
<b>58. Attachment B – Supplemental Information for Safe Routes to School (SRTS) Projects</b> Required if answered "Yes" to Question 10a.	Attached: <input type="checkbox"/>		
<b>59. Attachment C – Project Budget</b> Required for ALL projects.	Attached: <input checked="" type="checkbox"/>		
<b>60. Attachment D – Existing Project Status</b> Required for EXISTING projects only.	Attached: <input type="checkbox"/>		
<b>60. Attachment E – VDOT Administration Request</b> Required if population less than 5,000 and requesting VDOT assistance.	Attached: <input type="checkbox"/>		

Sponsor Certification		
<b>Public Hearing / Information Meeting Held</b>	Date: 10/27/15	Public Notice Attached: <input checked="" type="checkbox"/>
<b>MPO Endorsement (if applicable)</b>	Date: 10/22/15	Endorsement Attached: <input checked="" type="checkbox"/>
<b>Resolution from Project Sponsor</b>	Date: 10/27/15	Resolution Attached: <input checked="" type="checkbox"/>

**Sponsor certifies the following:** (Read and check each statement below)

- We are familiar with Transportation Alternatives eligibility criteria and the Locally Administered Projects (LAP) Manual.
- We will provide technical guidance and oversight to staff and/or consultants throughout project development.
- Budget accurately reflects cost of proposed project based on preliminary work performed.
- Project development will comply with all state and federal regulations, including ADA requirements.
- We understand this project must be substantially complete and/or ready for construction within four (4) years of the initial federal funding.
- We will be responsible for ensuring future maintenance and operating costs of the completed project.


10/30/15

**Sponsor Signature** (Authorized Official) Date

**Submit one (1) electronic copy\* and four (4) hard copies of the completed application with all required attachments to:**

**Ms. Julie Brown, Director of Local Assistance Division  
Virginia Department of Transportation  
1401 E. Broad Street  
Richmond, VA 23219**

**All applications must be received and / or post-marked no later than November 1, 2015. If applications are being hand-delivered, they must be received no later than 5:00pm Friday, October 30, 2015.**

**\* The electronic copy should be sent to [EnhancementProgram@VDOT.Virginia.gov](mailto:EnhancementProgram@VDOT.Virginia.gov) and include the completed application, Attachments A-E as required, and all other supporting documents. This may include required resolutions, public meeting notice, confirmation of grant funding, property deeds and/or appraisals, pictures and maps. If the application submission is too large to send via e-mail, please mail a CD or DVD with all required materials to the above address. This can be included in the package containing the hard-copies of your application.**

**1. Describe how the project is consistent with the MPO's current long range transportation plan (LRTP).**

Improvements proposed as part of the Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project are included in the *RVAMPO Constrained Long Range Transportation Plan 2035* for streetscape, pedestrian, bicycling and access management improvements. Other MPO plans that reference the Plantation Road Project include the *Regional Pedestrian Vision Plan (2015)* and the *Bikeway Plan for the Roanoke Valley Area MPO – 2012 Update*.

**2. Describe how the project fits within local adopted master plans and specific goals of local and/or state government agencies and other organizations. Describe how the project originates from planning work conducted in the jurisdiction. Note if the project is included in any planning documents and how it supports the local land use plan.**

The community and Hollins University-focused *Hollins Area Plan* was adopted by the Roanoke County Board of Supervisors in 2008 as a component of the *Roanoke County Comprehensive Plan (2005)*. Several implementation strategies were included to address community concerns and requests. The Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project was created to implement many of these strategies. The completion of the Tinker Creek Greenway also ranked as a high priority implementation strategy in the *Hollins Area Plan*.

The northernmost segment of the Tinker Creek Greenway was constructed along with a trailhead parking lot in 2012. This segment measures 2.5 miles in length and connects a new Roanoke County trailhead parking lot to the Carvins Cove Natural Reserve and the boat dock at the Carvins Cove Reservoir. The next segment of the Tinker Creek Greenway will connect the trailhead parking lot with the Carvins Creek bridge and Friendship Lane. Volunteers will build this segment of greenway once the replacement bridge over Carvins Creek is complete.

A preliminary route has been identified in Roanoke County to connect the Tinker Creek Greenway through Roanoke City to the Roanoke River Greenway. The National Park Service, Northeast Region, has recently awarded the Roanoke Valley Greenway Commission with staff technical assistance for an update to the Tinker Creek Greenway Master Plan. It is anticipated that the updated Master Plan will provide a firm alignment for the remainder of the Roanoke County portion of the greenway, as well as an alignment for a new greenway segment to connect to the planned Daleville Greenway in Botetourt County along Route 220.

Several regional and state plans reference the need to complete the Tinker Creek Greenway:

- *2013 Virginia Outdoors Plan*: "Develop the Tinker Creek-Carvins Creek trail to connect Carvins Cove with the Roanoke River Greenway and eventually with the Appalachian Trail." (page 10.58)
- *Update to the Roanoke Valley Greenway Plan (2007)*: The Tinker Creek Greenway will ultimately connect the Roanoke River Greenway to the extensive network of established trails at Carvins Cove Natural Reserve. The planned Plantation Road Project shared use path network will connect to the Tinker Creek Greenway (Priority #2 in the Plan) located on Hollins University's campus.
- *Hollins University Master Plan (2004)*: References and endorses the proposed regional greenway connection through Hollins University property.

Improvements proposed as part of the Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project are included in the following documents:

- *Constrained Long Range Transportation Plan 2035*: Plantation Road is in the Primary System, Vision List
- *Virginia Surface Transportation Plan 2035 Update*: Pedestrian improvements (sidewalks, crosswalks and multi-use trail) and bicycle improvements are part of the Highway Recommendations for the Salem Construction District
- *Regional Pedestrian Vision Plan (2015)*: Plantation Road pedestrian improvements are a high local priority
- *Bikeway Plan for the Roanoke Valley Area MPO – 2012 Update*: Plantation Road is a Priority Alignment; Walrond Drive, Enon Drive and Williamson Road are Vision Alignments

**3. Describe how the project makes the region's transportation facilities safer and less intimidating for pedestrians, bicyclists, and other non-drivers.**

The Friendship Lane/Carvins Creek Bridge Replacement project will provide a new and safe connection to a popular off-road recreational facility, the Tinker Creek Greenway, which in turn connects to Carvins Cove Natural Reserve and its 40 miles of trails. Additional and convenient access points to the Tinker Creek Greenway, particularly within the Friendship Lane residential/commercial/industrial neighborhood and located on Hollins University property, encourages use of the facility by residents, students and employees by foot or by bicycle.

**4. Describe how this project enhances transportation facilities for those with special needs, pursuant to Americans with Disabilities Act (ADA) requirements.**

The current bridge over Carvins Creek is 80 years old. The wooden decking has deteriorated to the point that vegetation grows from it. Metal railings are rusted, loose and untrustworthy. Access to the bridge is limited by a guardrail at Friendship Lane and patchy pavement on both sides of the bridge. Replacing the bridge in its entirety with a new structure, new access from Friendship Lane and a gravel terminus will make Carvins Creek and the future greenway segment accessible for those with disabilities where access is currently treacherous.

**5. Describe all public participation activities to date on the proposed project and what has been done to obtain public and community support. Please also describe any project coordination with other jurisdictions or agencies.**

Tinker Creek Greenway Implementation Strategies originated in the *Hollins Area Plan (2008)*:

- Two community meetings
- Stakeholder meetings
- Work Sessions and Public Hearings with the Planning Commission and Board of Supervisors
- Community and University Surveys conducted

The Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project (2009 – present) implements several *Hollins Area Plan* implementation strategies; the bridge replacement was an early idea to connect to the Tinker Creek Greenway:

- Community Information Meeting
- Design Public Hearing
- Dozens of stakeholder meetings with area businesses, residents and Hollins University
- Periodic Plantation Road Project Email Updates to interested residents and businesses
- Throughout the grant request process, obtained letters of support from Hollins University, the Williamson Road Area Business Association, Gander Mountain, Camping World, ITT, BSC Ventures, Carpetland, Eastern Motor Inns, Friendship Retirement Community, Roanoke Valley Greenway Commission, Roanoke County Planning Commission, Roanoke County Economic Development Authority, Roanoke County Parks, Recreation and Tourism Advisory Committee
- Roanoke County Board of Supervisors has approved grant submissions and funding allocations eight times
- Articles and television news stories have been written about the project
- All right-of-way obtained to-date has been donated to Roanoke County

**If your project is in the National Capital Region, please answer the following additional questions:**

**1. As a regional policy, the TPB seeks to promote the development of Transportation Alternatives in Regional Activity Centers. Is any portion of the project located within a Regional Activity Center?**

Yes     No    Center:

**2. Is this project located within  $\frac{3}{4}$  miles of a Metrorail (existing or under construction) or commuter rail station?**

Yes     No

Station:

**3. Describe how the project creates linkages for users to transit and/or employment, as well as how the project fills a gap in the existing non-automobile transportation infrastructure.**

*Fiscal Year 2017 Transportation Alternatives Program: Attachment C - Project Budget  
Friendship Lane/Carvins Creek Bridge Replacement*

<b>Preliminary Engineering Phase</b>	<b>UNIT</b>	<b>COST EACH</b>	<b>QUANTITIES</b>	<b>TOTAL</b>
Engineering / Surveying	10% CN			\$11,874
VDOT Review Charges	LS	\$5,000.00	1	\$5,000
Geotechnical Borings	LS	\$5,000.00	1	\$5,000
FEMA Flood Study	LS	\$10,000.00	1	\$10,000
FEMA Map Revision	LS	\$20,000.00	1	\$20,000
<b>Preliminary Engineering Total Costs</b>				<b>\$51,874</b>
<b>Construction Phase</b>	<b>UNIT</b>	<b>COST EACH</b>	<b>QUANTITIES</b>	<b>TOTAL</b>
14' Wide Prefabricated Bridge	LF	\$1,000.00	30	\$30,000
Concrete Abutments	CY	\$800.00	56	\$44,800
Footers (Substructure Concrete)	CY	\$550.00	19	\$10,450
Kiosk and Signage	LS	\$1,500.00	1	\$1,500
8" Bollard, conc. filled	EA	\$287.00	6	\$1,722
Waste Receptacles	EA	\$421.00	1	\$421
Bridge Demolition	LS	\$6,200.00	1	\$6,200
Barrier Fencing 6"x6"x4' Post	LF	\$7.76	56	\$435
Barrier Fencing 3"x8"x10' Rail	LF	\$4.00	113	\$452
8" 21-B Stone	TON	\$54.00	46	\$2,484
Geotextile Fabric	SY	\$5.00	98	\$490
E & S Control Items	5% CN			\$4,948
Mobilization	10% CN			\$9,895
Contingency	5% CN			\$4,948
<b>Construction Phase Total Costs</b>				<b>\$118,744</b>
<b>Total Project Costs (PE, CN)</b>				<b>\$170,619</b>
<b>Local Match (20%)</b>				<b>\$34,124</b>
<b>Transportation Alternatives Request</b>				<b>\$136,495</b>

The Roanoke Times  
 Roanoke, Virginia  
 Affidavit of Publication

Account Number

6010921

Date

October 20, 2015

COUNTY OF ROANOKE-COMM DEV  
 C/O: ARNOLD COVEY  
 DEBORAH C. JACKS  
 CLERK TO THE BOARD  
 PO BOX 29800  
 ROANOKE 24018

Date	Category	Description	Ad Size	Total Cost
10/26/2015	Municipal Notices	LEGAL NOTICE ROANOKE COUNTY BOARD OF SUPERVIS	1 x 41 L	443.92

**LEGAL NOTICE  
 ROANOKE COUNTY BOARD  
 OF SUPERVISORS**

The Roanoke County Board of Supervisors will hold a public hearing at 3:00 p.m. on Tuesday, October 27, 2015, in the Board Meeting Room of the Roanoke County Administration Center, 5204 Bernard Drive, Roanoke, VA, on a Federal MAP-21 Transportation Alternatives Program Application to replace the bridge across Carvin's Creek near the terminus of Friendship Lane (Route 1895). These improvements are related to the Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project and the Tinker Creek Greenway. This project is located in the Hollins Magisterial District.

A copy of this application is available for inspection in the Department of Community Development, 5204 Bernard Drive, Roanoke, VA.

Dated: October 8, 2015  
 Deborah C. Jacks, Chief Deputy Clerk to the Board  
 (226963)

**Publisher of the  
 Roanoke Times**

I, (the undersigned) an authorized representative of the Roanoke Times, a daily newspaper published in Roanoke, in the State of Virginia, do certify that the annexed notice LEGAL NOTICE ROANOKE COU was published in said newspapers on the following dates:

10/13, 10/20/2015

The First insertion being given ... 10/13/2015

Newspaper reference: 0000226963

*Kevin A. McFisher*  
 Billing Representative

Sworn to and subscribed before me this Tuesday, October 20, 2015

*Natalie Staten*  
 Notary Public

State of Virginia  
 City/County of Roanoke  
 My Commission expires 10/30/18



AT A REGULAR MEETING OF THE BOARD OF SUPERVISORS OF ROANOKE COUNTY, VIRGINIA, HELD AT THE ROANOKE COUNTY ADMINISTRATION CENTER, ON TUESDAY, OCTOBER 27, 2015

**RESOLUTION 102715-3 REQUESTING THE COMMONWEALTH TRANSPORTATION BOARD FUND A TRANSPORTATION ALTERNATIVES PROJECT FOR THE FRIENDSHIP LANE/CARVINS CREEK BRIDGE REPLACEMENT PROJECT IN ROANOKE COUNTY, VIRGINIA**

WHEREAS, in accordance with the Commonwealth Transportation Board construction allocation procedures, it is necessary that a request by resolution be received from the local government or state agency in order that the Virginia Department of Transportation accept a transportation alternatives project in Roanoke County.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of Roanoke County, Virginia, as follows:

1. That the Roanoke County Board of Supervisors requests the Commonwealth Transportation Board to establish a project for the replacement of the Friendship Lane/Carvins Creek bridge to provide safe pedestrian and bicycle access to a future segment of the Tinker Creek Greenway.

2. That the Roanoke County Board of Supervisors hereby agrees to provide a minimum 20 percent of the total cost for planning and design, right of way, and construction of this project.

3. That the Roanoke County Board of Supervisors hereby agrees to enter into an agreement with the Virginia Department of Transportation to provide oversight that ensures the project is developed in accordance with all state and federal

requirements for design, right of way acquisition, and construction of a federally funded transportation project.

4. That the Roanoke County Board of Supervisors will be responsible for maintenance, upkeep and operating costs of any facility constructed with Transportation Alternatives Program funds.

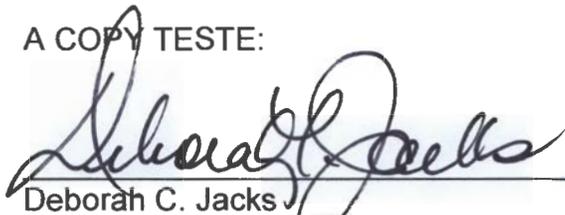
5. That if the Roanoke County Board of Supervisors subsequently elects to cancel this project the Roanoke County Board of Supervisors hereby agrees to reimburse the Virginia Department of Transportation for the total amount of costs expended by the Department through the date the Department is notified of such cancellation. The Roanoke County Board of Supervisors also agrees to repay any funds previously reimbursed that are later deemed ineligible by the Federal Highway Administration.

On motion of Supervisor Bedrosian to adopt the resolution, and carried by the following recorded vote:

AYES: Supervisors Moore, Bedrosian, Church, McNamara, Peters

NAYS: None

A COPY TESTE:

A handwritten signature in black ink, appearing to read "Deborah C. Jacks", written over a horizontal line.

Deborah C. Jacks  
Chief Deputy Clerk to the Board of Supervisors

cc: Megan Cronise, Principal Planner

The 22<sup>nd</sup> day of October, 2015

## **RESOLUTION**

### **SUBJ: Endorsement of Transportation Alternatives (TA) Grant Applications**

**WHEREAS**, the Transportation Alternatives (TA) Program was created by the 2012 Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) by combining what had previously been known as the Transportation Enhancements (TE), Safe Routes to School and other programs into one category.

**WHEREAS**, MAP-21 allows state departments of transportation to set aside a portion of their Surface Transportation Program allocation each year to be used for TA activities; and

**WHEREAS**, Virginia has chosen to set aside funds for TA activities; and

**WHEREAS**, the following four Transportation Alternatives grant applications submitted are new projects and did not have previous resolutions and/or have expanded their scope:

**Applicant:** *Roanoke County*

**Project:** *Friendship Lane/Carvins Creek Bridge Replacement*

**TA Funds Requested:** *\$136,495*

**Applicant:** *Town of Vinton*

**Project:** *Glade Creek Greenway (Phase 2 from Walnut Ave. to Gus Nicks Blvd.)*

**TA Funds Requested:** *\$417,710*

**Applicant:** *City of Salem*

**Project:** *Main Street (US 460) Pedestrian Improvements*

**TA Funds Requested:** *\$500,000*

**Applicant:** *Virginia Western Community College*

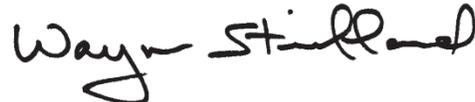
**Project:** *Colonial Avenue Improvements (Pedestrian & Bike-Friendly Boulevard)*

**Approximate TA Funds Requested:** *\$400,000*

**WHEREAS**, project applications that have not previously been endorsed in prior years and that fall within the Roanoke Valley Transportation Planning Organization (*Official Name: Roanoke Valley Area Metropolitan Planning Organization*) Study Area Boundary, must be formally endorsed by the Policy Board of the Roanoke Valley Transportation Planning Organization prior to submittal to the Virginia Department of Transportation by November 2, 2015;

**TPO POLICY BOARD:** *Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke; Town of Vinton; Greater Roanoke Transit Company (Valley Metro); Roanoke-Blacksburg Regional Airport; Virginia Department of Rail & Public Transportation; Virginia Department of Transportation*

***NOW, THEREFORE BE IT RESOLVED*** that the Roanoke Valley Transportation Planning Organization Policy Board endorses the four Transportation Alternatives grant applications, listed herein, for the purpose of applying for TA funds, and if federal money is awarded to these projects, will be included in the appropriate fiscal year Transportation Improvement Program.

A handwritten signature in black ink that reads "Wayne Strickland". The signature is written in a cursive, slightly slanted style.

Wayne Strickland  
Secretary to the TPO Policy Board

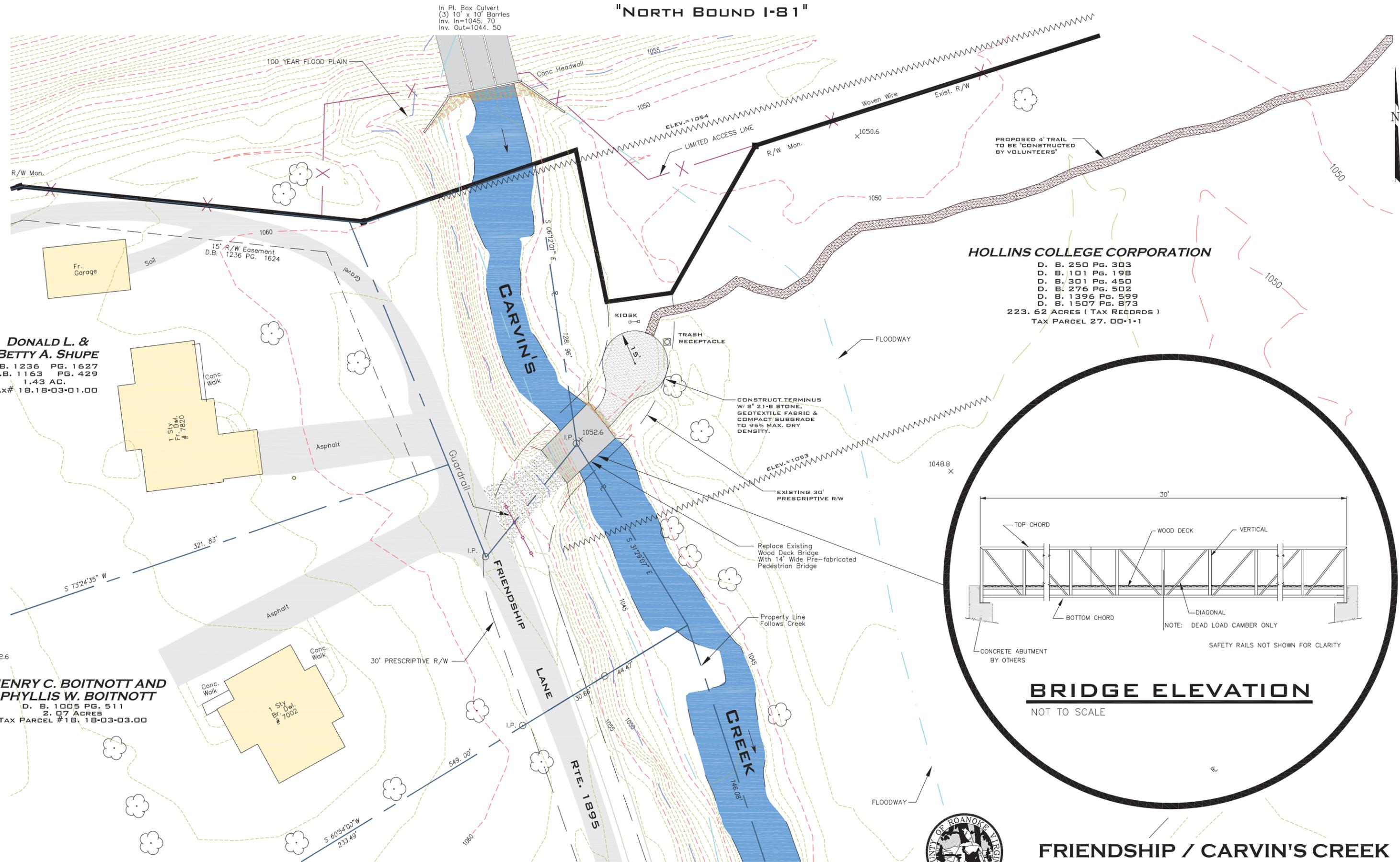


# Project Overview

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"NORTH BOUND I-81"

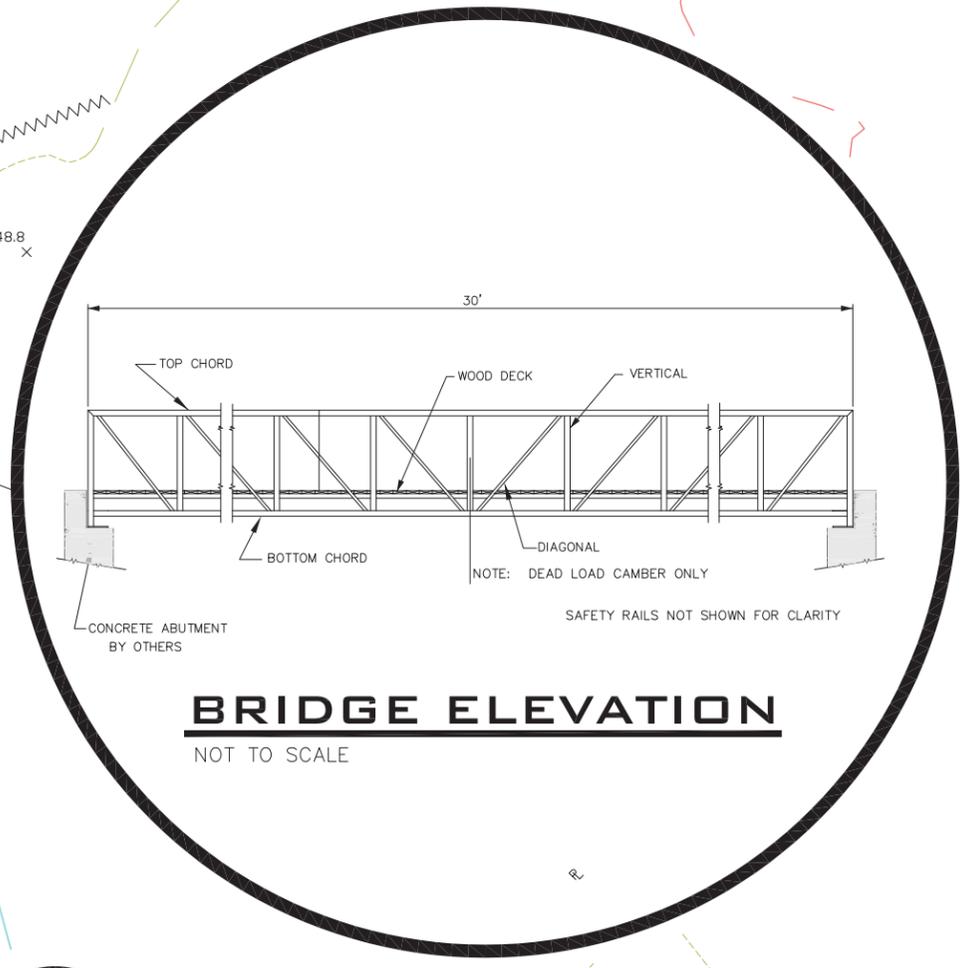
In Pl. Box Culvert  
(3) 10' x 10' Barries  
Inv. In=1045.70  
Inv. Out=1044.50



**HOLLINS COLLEGE CORPORATION**  
 D. B. 250 PG. 303  
 D. B. 101 PG. 198  
 D. B. 301 PG. 450  
 D. B. 276 PG. 502  
 D. B. 1396 PG. 599  
 D. B. 1507 PG. 873  
 223.62 ACRES ( TAX RECORDS )  
 TAX PARCEL 27.00-1-1

**DONALD L. & BETTY A. SHUPE**  
 D.B. 1236 PG. 1627  
 D.B. 1163 PG. 429  
 1.43 AC.  
 TAX# 18.18-03-01.00

**HENRY C. BOITNOTT AND PHYLLIS W. BOITNOTT**  
 D. B. 1005 PG. 511  
 2.07 ACRES  
 TAX PARCEL #18.18-03-03.00

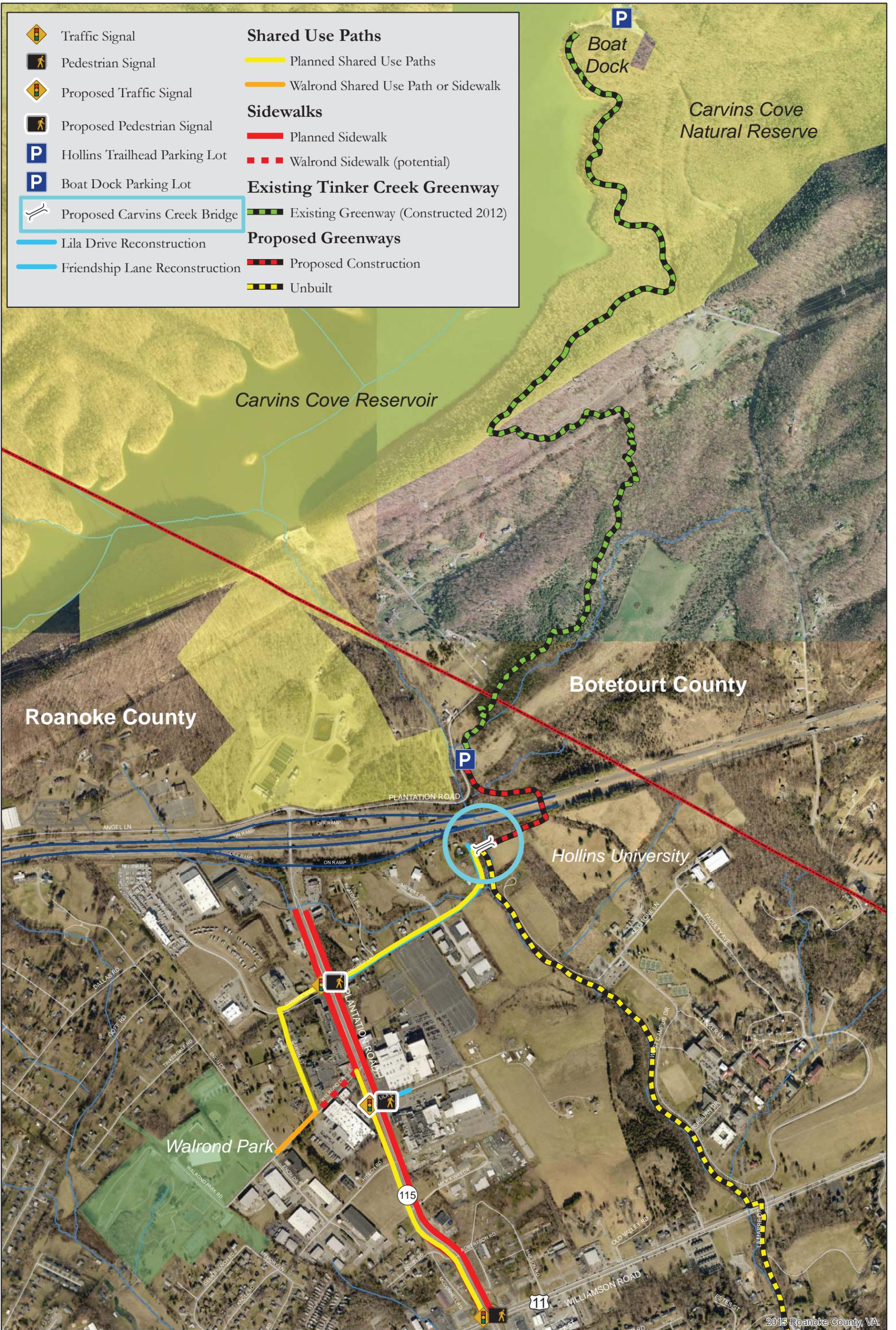


**PLAN**



**FRIENDSHIP / CARVIN'S CREEK BRIDGE REPLACEMENT**  
 SCALE: 1"=40'  
 DATE: SEPTEMBER 11, 2014



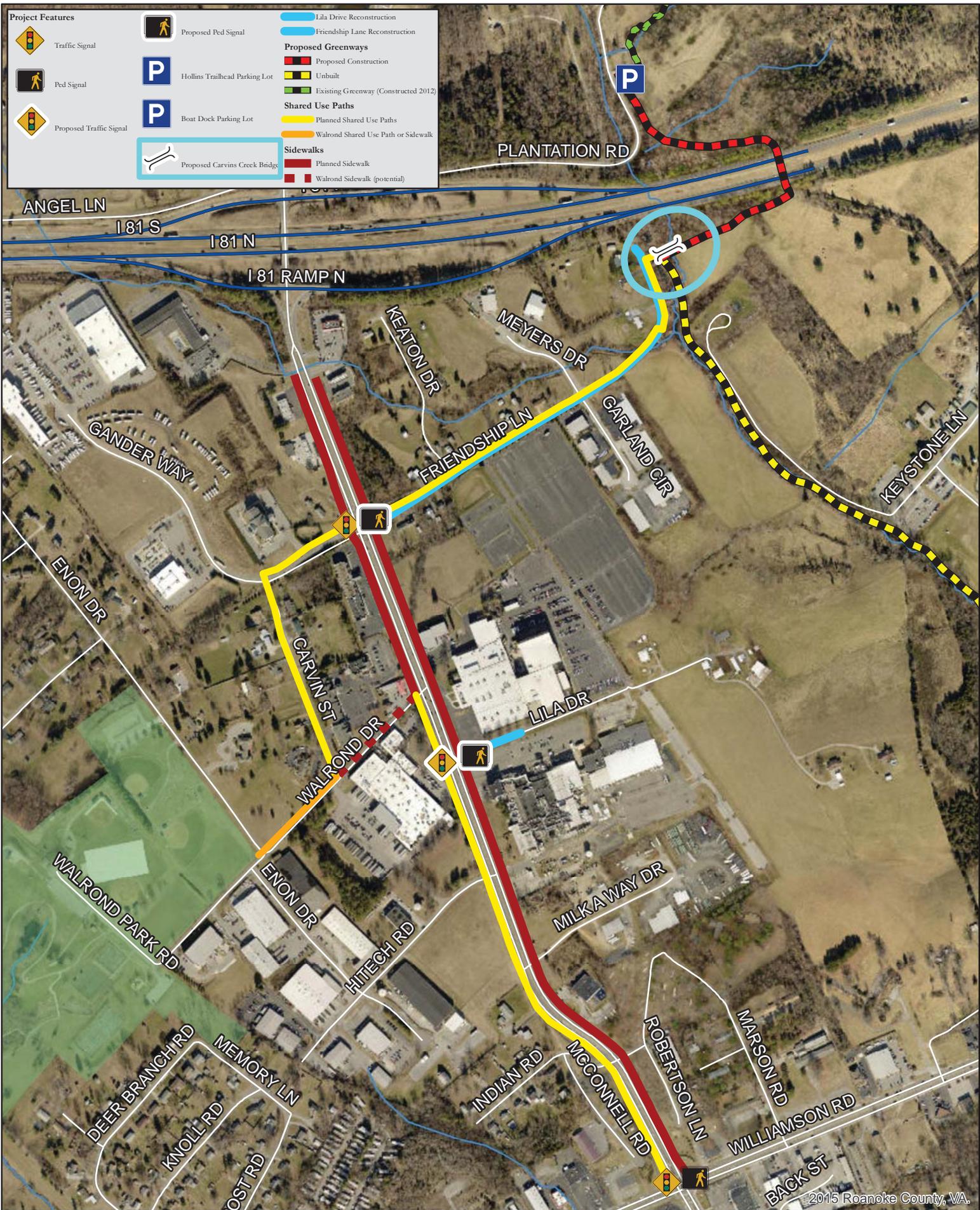


Plantation Road Project, Friendship Lane/Carvin's Creek Bridge and Tinker Creek Greenway



Roanoke County  
Department of Community Development  
5204 Bernard Drive  
Roanoke, Virginia 24018  
(540) 772-2065

2015 Roanoke County, VA.

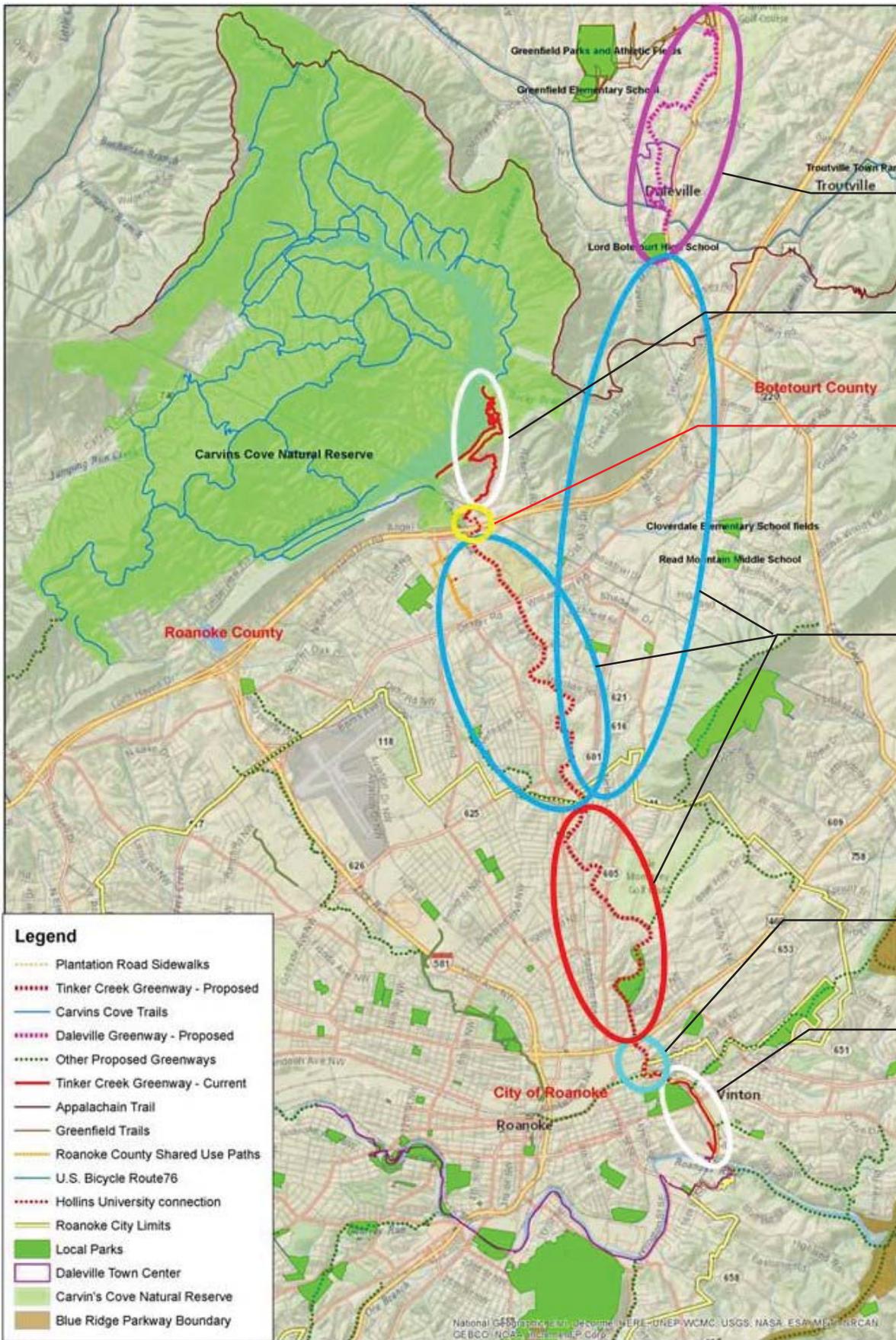


Plantation Road Project, Friendship Lane/Carvin's Creek Bridge and Tinker Creek Greenway

0 125 250 500 750 1,000 Feet



# Tinker Creek Greenway Overview and Status



TA Funding for Daleville Greenway (Botetourt County)

Constructed (Roanoke County/ Botetourt County)

Ready for construction when bridge replacement is complete (Roanoke County)

National Park Service, NE Region, Providing Technical Assistance for Master Plan Update (Red: Roanoke City; Blue: Roanoke County and Botetourt County)

RSTP Funding for Construction (Roanoke City)

Constructed (Roanoke City)

Friendship Lane/Carvins Creek Bridge  
Replacement Project:  
Site Photographs

# Friendship Lane/Carvins Creek Bridge (September, 2011)

Friendship Lane side looking towards Hollins University; Nearby Employee on Break



# Friendship Lane/Carvins Creek Bridge (September, 2011)

Looking south along Carvins Creek; Nearby Employee on Break



# Friendship Lane/Carvins Creek Bridge (Nov, 2013)

Friendship Lane side looking towards Hollins University; Roanoke County Staff



# Friendship Lane/Carvins Creek Bridge (May, 2014)

Hollins University side looking towards Friendship Lane



# Terminus Site with Tinker Creek Greenway Connection (May, 2014)



# Future Tinker Creek Greenway Segment Location at Hollins University (May, 2014)

Looking northeast across meadow; greenway will skirt treeline



# Future Tinker Creek Greenway Segment Location at Hollins University (May, 2014)

Looking north towards I-81 and Tinker Mountain;  
greenway will skirt treeline





# Other Attachments

---



*Office of the President*

October 23, 2015

Thomas Gates  
County Administrator  
County of Roanoke  
P.O. Box 29800  
Roanoke, VA 24018

Dear Tom:

I write today to offer my endorsement of the proposed Friendship Lane/Carvins Creek Bridge Replacement. I understand that replacing this bridge will provide a critical connection between the Tinker Creek Greenway and the Plantation Road Bicycle, Pedestrian and Streetscape Improvement project. I applaud the planning work that has been done and believe the proposed bridge project will significantly enhance pedestrian and bicycle accommodations and quality of life in the Hollins area.

Hollins University fully supports the expansion of the Tinker Creek Greenway on our property from the current trailhead parking lot north of Interstate 81 to the proposed Carvins Creek bridge. Our students, faculty and staff are frequent users of the current Tinker Creek Greenway segment that ends at the Carvins Cove boat dock. We look forward to the completion of the next phase of the greenway that will connect Carvins Cove to the improvements along Plantation Road.

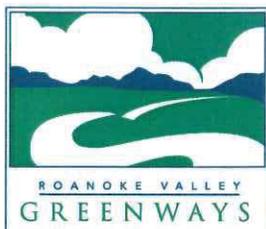
If there is anything I can do to further support this effort, please do not hesitate to let me know.

Sincerely,

A handwritten signature in cursive script that reads "Nancy Oliver Gray".

Nancy Oliver Gray  
President

NOG/baa



1206 KESSLER MILL ROAD

SALEM, VA 24153

540-777-6330

540-387-6146 (FAX)

[lizbelcher@greenways.org](mailto:lizbelcher@greenways.org)

[www.greenways.org](http://www.greenways.org)

October 29, 2015

Mr. Thomas Gates  
Roanoke County Administrator  
P.O. Box 29800  
Roanoke, VA 24018

Dear Mr. Gates:

The Roanoke Valley Greenway Commission reviewed Transportation Alternatives applications at its October 28 meeting. The Commission supports construction of a bridge across Carvin Creek, connecting Friendship Lane to Tinker Creek Greenway at Hollins University.

In the 2007 Greenway Plan, Roanoke River is the number one priority, and the number two priorities are the greenways that connect to it. Tinker Creek Greenway is the top one of those, as it would extend all the way from Roanoke River to Carvins Cove and Botetourt County.

The Greenway Commission has been working with Hollins University and the County for many years to develop the Tinker Creek Greenway connection to Carvins Cove. In 2011, the County was able to complete a revocable agreement with Hollins University to locate the trail on Hollins property on the north side of I-81; greenway supporters had already secured permission through other private property and through City property at the Cove. Volunteers then built the trail and bridge from the County parking lot to Carvins Cove, opening in 2012. This trail has become hugely popular with Hollins staff and students.

Roanoke County has been working for some time on plans for pedestrian and bicycle accommodations along Plantation Road, with connections to adjacent facilities. A bridge from Friendship Lane across Carvin Creek in order to connect to Tinker Creek Greenway would greatly expand the access to that trail for those working at Wells Fargo and other businesses in the area. Hollins has agreed to allow the extension of the trail under I-81 to make this connection, if the bridge can be funded. There is a large work force in this area, in addition to residents, and the bridge would open up many trail opportunities for them.

The Greenway Commission has recently been awarded a National Park Service Rivers, Trails and Conservation Assistance grant to complete a Master Plan for Tinker Creek Greenway from Roanoke River to Botetourt County. This project would be one component in that larger effort, and we appreciate the County's efforts to fund greenways and commitment of staff to develop implementation plans.

Sincerely,

A handwritten signature in black ink, appearing to read "Liz Belcher", is written over a light blue horizontal line.

Liz Belcher  
Roanoke Valley Greenway Coordinator