



TA Set-Aside Application

Roanoke River Greenway, Parkway Crossing

Project Status: Scoring

Organization: Roanoke County
Project ID: 2853

General

1. Project Sponsor

Organization

Roanoke County

Name

Thomas C. Gates

Title

County Administrator

Address

5204 Bernard Drive

Address 2

City

Roanoke

State

Virginia

ZIP Code

24018

ZIP+4

0798

Email

tgates@roanokecountyva.gov

Telephone

(540) 772-2004

Fax

(540) 561-2884

2. Project Manager

Name

Lindsay Webb

Title

Parks Planning and Development Manager

Address

1206 Kessler Mill Road

Address 2

City	State	ZIP Code	ZIP+4
Salem	Virginia	24153	1802
Email	Telephone	Fax	
lwebb@roanokecountyva.gov	(540) 777-6328	(540) 387-6146	

Project Information

Sponsor DUNS Number

062353610

Is this an existing project?

Project Title

Roanoke River Greenway, Parkway Crossing

Provide a description of the project and a clearly defined scope of the improvements to be made utilizing Transportation Alternatives funds. Should additional space be needed, please use the Upload Supporting Documents feature. Label the document "Project Description".

The Roanoke River Greenway is a regional 31-mile bicycle and pedestrian trail proposed through the Roanoke Valley, linking the Cities of Roanoke and Salem, the Town of Vinton, and Roanoke County. In 2007, the Roanoke Valley Greenway Commission made Roanoke River Greenway its number one priority in the update to the Roanoke Valley Greenway Plan, which the local governments have all adopted into their Comprehensive Plans. For Roanoke County, this greenway is the primary non-motorized transportation facility linking the downtown urban area to the Blue Ridge Parkway, Explore Park, and Virginia's Blue Ridge. This application requests funding for construction of 0.30 miles of Roanoke River Greenway along Highland Road and under the Blue Ridge Parkway through an existing tunnel. This section will complete a missing link, as Roanoke County has already secured funding for the section from Roanoke City to the western Blue Ridge Parkway boundary and for the section from the eastern Parkway boundary to Explore Park. This section of the Greenway in the middle will be an 8-10 foot wide, paved, shared use path along the northern side of Highland Road. Roanoke County, the Blue Ridge Parkway and Virginia Department of Transportation are evaluating two location options, one immediately adjacent to Highland Road and one off road on federal lands. Both options utilize the Highland Road tunnel to go under the Parkway. Engineering, design and environmental reviews are already underway for this section, funded by Roanoke County.

Project Short Description

This project is construction of 0.30 miles of Roanoke River Greenway underneath the Blue Ridge Parkway, connecting bicyclists and pedestrians safely to other funded sections of the Greenway.

Select primary category of eligibility even if other categories may apply.

Construction of bicycle and pedestrian facilities

Does this project qualify as a "Safe Routes to School" project based on this criteria below?

- Eligible infrastructure activity
- Project is located within 2 miles of an elementary / middle school (K-8th)

 Location

Location

Districts Served

- Salem

MPOs Served

- Roanoke Valley Transportation Planning Organization

PDCs Served

- Roanoke Valley-Alleghany Regional Commission

Jurisdictions Served

- Roanoke County

According to the 2010 Census, is the population of your locality less than 5,000?

Is this project located within a Transportation Management Area (TMA)?

Identify beginning and ending termini as referenced on the location map.

Start Location

3204 Highland Rd; Parcel 080.00-01-35.00

End Location

3404 Rutrough Rd; Parcel 080.00-05-02.01

ZIP Code

24014

ZIP +4

6315

 Funding

Project Funding

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 Detailed Cost Estimate (Project Budget), the following project costs can be demonstrated:

TA Funding (Current/Prior/Future) needed for this project - Cannot exceed 80% of Total Project Cost	\$366,606
Local 20% Match Required - Based on the TA Funding above. Field Autocalculated.	\$91,652
Other Project Funds (Non-TA Funds) - Include local funds, other grants and donations	\$33,348
Total Project Cost* - Sum of above; should match the attached Detailed Cost Estimate (Project Budget)	\$491,606

Federal Transportation Alternatives Funding

	This Application (FY2019-FY2020)	Prior TA Funding Received
Federal TA Funds	\$366,606	\$0
Local 20% Match	\$91,652	\$0

Do you plan to use in-kind to meet all or part of the 20% local match requirement?

If not using in-kind, identify the proposed funding source(s) for the required match on this project.

The Roanoke County Board of Supervisors passed a resolution of support (see attached) on October 24, 2017 requesting that the Commonwealth Transportation Board fund a Transportation Alternatives Set-Aside project for the Roanoke River Greenway crossing of the Blue Ridge Parkway. This resolution commits Roanoke County to providing a twenty percent matching contribution for this project, as well as any additional funds necessary to complete the project. The proposed funding source for the required match on this project is the Roanoke County Capital Improvement Program (CIP). The CIP is a detailed ten-year list of projects that are submitted to the Board of Supervisors for approval each year. The County's required local match for this project will be considered as part of the development of the FY 2019-2028 CIP that will be presented to the Roanoke County Board of Supervisors in January 2018. The CIP request has been submitted by the Roanoke County Department of Parks, Recreation and Tourism for construction of the Roanoke River Greenway crossing of the Blue Ridge Parkway in FY2020-2021.

A local 20% match contribution is required – how much additional local contribution (above the required 20%) is proposed? Include this amount in Other Project Funds (Non-TA Funds).

\$33,348

Is there additional (above the 20% match) non-sponsor or non-local funding secured at this time - other grants, state funds, corporate donations, etc.?

If federal funds are expended on PE, regulations require that the project progress to a completed construction phase. In the event that additional TA funding is not secured, what funding source(s) will be utilized to complete this project?

This application request is for construction funding only. Roanoke County Parks, Recreation and Tourism is currently funding the PE phase of this project; therefore, design and environmental coordination is underway. If TA funding is not received for construction of the Roanoke River Greenway crossing of the Blue Ridge Parkway, there will be a gap in the proposed alternative transportation network requiring pedestrians and bicyclists to walk on Highland Road where there are no safety improvements. Roanoke County will evaluate other federal, state, and local funding sources to complete the project.

Project Concept

Describe the sponsors on-site evaluation to determine the project's constructability and cost. Include the date and identify those who attended the on-site evaluation.

Roanoke County and the Roanoke Valley Greenway Commission have been working with the Blue Ridge Parkway for over 20 years on connections between the Parkway, Explore Park, and the greenway. This coordination was included in the 2005 National Park Service Multi-Use Path Feasibility Study, 2012 Blue Ridge Parkway General Management Plan/EIS, and 2015 Roanoke Valley/ Blue Ridge Parkway Trail Plan/Environmental Assessment. Development of these plans has included site visits with many Parkway staff, spanning 2002-2017, including David Anderson, Deirdre Hewitt, Jim Basinger, Ursula Lemanski, Dawn Leonard, Bob Hope, Larry Hultquist, Roy Jones, Steve Buxton, and Superintendents Gary Everhardt, Dan Brown, Phil Francis, and Mark Woods. Under UPC 91191, the County has been working since 2012 on the extension of the greenway from Roanoke City to the Parkway. A site visit was held with David Anderson and Superintendent Francis on July 11, 2012. Due to the changes in Superintendent and the internal planning demands at the Parkway, the County and VDOT decided to terminate UPC 91191 at a trailhead west of the Parkway on County leased property. Likewise, when the County received the Federal Lands Access Program funding (UPC 110155) for the greenway extension from Highland Road to Explore Park, the project limit was set east of the Parkway. In anticipation of this application, the County did an on-site review with Superintendent Woods on May 11, 2017. The objective was to get Parkway concurrence on the location and assess whether the Parkway would allow the trail to be on federal land, away from Highland Road, except when in the underpass. While supportive of either an on-road or off-road location leading to the underpass, Superintendent Woods did not provide a letter of support prior to his retirement in July. A second meeting with Acting Superintendent John Slaughter, Dawn Leonard, and Alexa Vietz was held on-site on August 30, 2017.

Describe any possible challenges or obstacles that could require additional design consideration, cost or design waivers.

Design of Roanoke River Greenway in this location has been challenging because of the necessity of crossing the Blue Ridge Parkway. Over the years Roanoke County has explored four alternatives with the Parkway for location of Roanoke River Greenway: 1) Go under the Parkway near the river bridge at the Roanoke River Overlook. 2) Cross the Parkway at grade, near the intersection with Roanoke River Parkway. 3) Build a new tunnel under the Parkway near Highland Road. 4) Go under the Parkway on Highland Road, sharing the existing road right-of-way in the underpass. After many years of coordination and development, we have consensus among the Parkway, Roanoke County, and VDOT for the location herein proposed. A letter of support from Parkway Acting Superintendent J.D. Lee is included with this grant application. Additional steps that we must take and the challenges entailed include: 1) Speed study on Highland Road and design of shared use of the underpass in a way acceptable to VDOT. A design waiver may be required, as the underpass is only 24' wide. 2) A community meeting with the neighborhood, explaining the design and how it will affect daily use of the road. If there are significant concerns, the County may have to modify the design. 3) Environmental compliance with both VDOT and the Blue Ridge Parkway. While the Parkway has already done an environmental assessment and determined no significant impact, the archaeological work will have to be updated.

Has the local VDOT Office had an opportunity to offer comments regarding the project scope, conceptual project plans, preliminary drawings or cost estimate? Have these comments been incorporated into this application?

The use of federal transportation funds requires compliance with the Americans with Disabilities Act (ADA); describe how this project will meet these design requirements. 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 Roanoke River Greenway, throughout its length, has been designed to meet ADA and AASHTO guidelines. This section is proposed to be asphalt, 8-10 wide.

Describe any anticipated challenges to meeting ADA design requirements including slope / terrain, width/clearance limitations, historic features, etc.

Roanoke County anticipates meeting ADA design grades for slope. Within the underpass, the trail will be narrower than normal, 8', and will not have the typical 2' shoulders or clearances.

Is the project located within a designated historic district or within a downtown business district?

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 anticipates maintaining the greenway within its jurisdiction. In this case, the trail will be passing under the Blue Ridge Parkway on a VDOT maintained road. Thus VDOT will be involved in roadway maintenance, such as snow plowing and resurfacing, but the County will assume responsibilities for maintenance of the greenway.

Project Features

As a pedestrian and/or bicycle facility, mark which best describes the project's primary transportation function:

Recreational / exercise

Does this project support or improve an existing or planned highway project?

No. When completed, the project will support non-motorized commuting from eastern Roanoke County to downtown Roanoke, with possible connections to many businesses, Amtrak, and Valley Metro transit.

Improves Transportation Network

Project Improves Transportation Network

Response	Supporting Information
Does the project provide new access (access that does not currently exist) to transit stations, commuter lots, bus stops, etc.?	The proposed section of the Roanoke River Greenway will provide new connectivity between Downtown Roanoke, the Blue Ridge Parkway, and Explore Park. This direct alternative transportation link will provide connectivity to Amtrak passenger rail service, Valley Metro

public transportation for the Roanoke Valley, and the Smart Way commuter bus service that links the Roanoke and New River Valleys.

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?

The proposed TA application will provide funding to complete a "missing link" in the eastern section of Roanoke River Greenway in Roanoke County, which connects Roanoke City and Explore Park. The project will provide connectivity to the existing sections of Roanoke River Greenway in the cities of Roanoke and Salem, the Tinker Creek Greenway in Vinton, trails located along the Blue Ridge Parkway, and over fourteen miles of trails in Explore Park. A trailhead has been designed (100% plans) to connect the proposed greenway crossing of the Blue Ridge Parkway to Roanoke City (UPC 91191). Similarly, a trailhead is being designed to connect the proposed greenway crossing of the Parkway to Explore Park and existing overlooks on the Roanoke River Parkway (UPC 110155) that will accommodate greenway and equestrian users. Roanoke County has submitted a request to the National Park Service to provide connectivity between the greenway and the Parkway trails located parallel to the motor road.

Does the project provide bicycle/pedestrian facilities where none previously existed?

The proposed greenway project will provide a bicycle and pedestrian facility that directly connects the Roanoke Valley to the Blue Ridge Parkway. There are currently no greenway crossings of the Blue Ridge Parkway in the Roanoke Valley, but several projects are underway. The eastern terminus of the Roanoke River Greenway is located in Roanoke City at the Western Virginia Water Authority Water Pollution Control Plant. Roanoke County has designed and engineered the connection between the City and the proposed greenway (UPC 91191). Environmental permitting is underway and right-of-way authorization is expected within the next 60-90 days. Similarly, the County has received Federal Lands Access Program funding to connect the Roanoke River Greenway to the Blue Ridge Parkway and Explore Park (UPC 110155).

Does this project increase opportunities to meet daily needs without motorized transportation?

Currently there are no ways to get safely from eastern Roanoke County to Vinton or Roanoke without an automobile. Roanoke River Greenway will provide the connection back to the more urbanized area, providing connections to stores, shopping, restaurants, employment, and other daily needs. In addition, those who work at Explore Park will be able to get there from town without an automobile.

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.)?

This project proposes to convert a short section of the Highland Road underpass from two-way to one-way, as it crosses underneath the Blue Ridge Parkway. Bicycle and pedestrian safety will be increased through the underpass by separating these users from vehicles traveling on Highland Road. The attached conceptual drawing, completed by Anderson and Associates, Inc. in 2013, shows a VDOT standard MB-10A that will provide a physical barrier to separate the greenway facility from the vehicles on Highland Road. Additionally, the project will include vehicular, pedestrian, and bicyclist warning signs that are shown on the attached conceptual plan. Similarly, any sections of the proposed greenway project that are located parallel to Highland Road will include a physical barrier to separate facilities.

Does this project incorporate traffic calming design elements such as bump outs, raised intersections, street trees or crosswalks in a contrasting color?

This project proposes the conversion of the Highland Road (Route 618) underpass from two-way to one-way, which incorporates a traffic calming design element by lowering speed limits. Highland Road is classified as a Minor Collector and currently has an unposted speed limit between Eastland Road and Rutrough Road, thus making the speed limit 55. Traffic counts from 2013 indicated that there are less than 300 vehicles per day on this section of Highland Road. Peak hour volumes were observed to be around 25 vehicles and highly directional, with vehicles traveling east to west in the AM and reverse in the PM. The proposed tunnel conversion assumes a design speed not to exceed 20 mph. Per VDOT's request, Roanoke County is conducting a speed study at the Highland Road underpass in November 2017. The results of the speed study will be

completed by a professional engineer and submitted to VDOT for review. The results of this study will determine whether the lowered speed limit is justified on the section of Highland Road located between Eastland Road (Route 749) and Rutrough Road (Route 658).

Is this project in the locality's local/regional transportation plan? If yes, provide name of plan and date completed.

- Roanoke County Comprehensive Plan (2005) - Roanoke County Community Strategic Plan (2016) - 2007 Update to the Roanoke Valley Greenway Plan - Roanoke Valley Rural Long Range Transportation Plan 2035 - Roanoke Valley MPO 2012 Update to the Bikeway Plan



Sponsor's Ability to Administer

Sponsor's Ability to Administer Federal Project

Federal regulations require that the sponsor provide a full-time employee who is responsible for all major project decisions as explained in Chapter 3.1 of the VDOT LAP Manual. This person is referred to as the sponsor's Responsible Person (RP) and may or may not be the Project Manager. Failure to provide a qualified RP may eliminate the project from consideration.

Identify the full-time staff member assigned as the "Responsible Person" for this project:

Name	Title	Years in this position
Richard L. Caywood, P.E.	Assistant County Administrator	5

39. Describe the experience and / or training that qualifies this individual to be the responsible person for a federal-aid transportation project.

Education/Certifications	Training / Classes	Project Related Experience
Registered Professional Engineer		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.

Select from the following the best choice describing the RP's experience:

The RP has successful experience participating as a team member, but not a RP, for a federal-aid transportation project

Regarding the experience noted above, briefly describe the two (2) most recent federal-aid projects including project scope, phases included (PE, RW, CN), cost and whether or not the project finished on-time and on-budget.

Mr. Caywood left VDOT in 2012 with one of the highest on-time and on-budget records amongst the 9 VDOT Districts over a large program of projects. Two recent projects include: 1. Realignment of Bent Mountain Road, Route 221, in Roanoke County (UPC 95812, \$26,687,000 project, on-time and on-budget) 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)

Describe the RP's role and responsibilities while overseeing these projects.

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.

Has the RP completed VDOT's Core Curriculum on-line training found on VDOT's Locally Administered Projects webpage?

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 for project management duties.

Is the Responsible Person also the Project Manager (PM)?

Will the sponsor need to supplement its staff to complete this federal-aid project?

Federal regulations require that the sponsor 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 local financial management system – currently in place that will track / monitor project costs. Include the type of software used (if applicable) and the process by which costs are verified for reimbursement.

Roanoke County uses Microsoft Dynamics as its local financial management system to track project expenditures and reimbursements. Roanoke County has accounting and finance staff that assist the Project Manager in monitoring project costs. The Project Manager tracks projects costs on a weekly basis using a Microsoft Excel budget worksheet provided by the VDOT Salem District to monitor project costs and allocations including monthly invoices, eligible reimbursement expenditures, local match requirements, VDOT charges, and remaining project funds.

▶▶ Project's Readiness to Proceed

Project's Readiness to Proceed

Design / engineering will be performed:

Utilizing an outside consultant firm already procured for use on this project

Is this project part of a larger / multi-phased construction project?

These funds will not participate in the costs of master plans, feasibility and/or preliminary engineering studies. Has this work been completed using other funding source(s)?

Has design work started?

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:

All right of way required is publicly owned (local and/or state)

This program will not participate in the cost of relocating overhead utilities for scenic beautification or betterment 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 and/or meet ADA width/clearance requirements?

Are there other conflicts / obstacles that must be addressed for the project to move forward?

If awarded, these funds will be available October 1, 2018 - the beginning of the federal fiscal year 2019. How long after this date will you be ready to begin incurring costs for reimbursement?

6 months

 Sponsor Certification

Sponsor Certification

Public Notice Attached

No

Date of Public Hearing

2017-10-24

Endorsement Attached

No

Date of Endorsement

2017-10-26

Resolution Attached

No

Date of Resolution from Project Sponsor

2017-10-24

Sponsor certifies the following:

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.

By selecting agree I certify that the above statements are true and correct to the best of my knowledge.

Sponsor Name

Lindsay B. Webb

Date

2017-11-01

Detailed Cost Estimate (Project Budget)

Task by Project Development Phase	Project Costs	Project Schedule	
		Tentative Begin Date	Tentative End Date
PRELIMINARY ENGINEERING PHASE			
Engineering/Design Fees			
Environmental Document			
Surveying			
Advance Right of Way <small>(incl. title research, plat/plat prep, appraisals, etc.)</small>			
Add rows as needed...			
Administrative Costs			
PE Phase TOTAL COSTS			
RIGHT OF WAY PHASE			
Right of Way Purchase			
Attorney Fees <small>(incl. negotiation, recording deeds, etc.)</small>			
Utility Relocation			
Add rows as needed...			
RW Phase TOTAL COSTS			
CONSTRUCTION PHASE			
*Include construction line items from engineer's estimate, add rows as needed			
...			
...			
Construction Management			
Inspection Fees			
Materials Testing			
Contingency			
CN Phase TOTAL COSTS			
SUB-TOTAL COST (PE, RW & CN)			
VDOT Project Oversight Charges <small>(Recommend 5-7% of sub-total cost)</small>			
TOTAL PROJECT COST			

[Click to download a template.](#)

PROJECT BUDGET REQUIRED FOR ALL APPLICATIONS

This template is an example to be used in creating a detailed project cost estimate. Prepare a budget that is broken down by developmental phases – Preliminary Engineering, Right of Way and Construction – including specific line items that are appropriate to the project described in this application.

VDOT Project Oversight Charges include coordination, plan review, environmental charges, attendance at the pre-construction meeting, and Civil Rights reviews, as required. Five to seven percent of the total cost of PE, RW, and CN is a good rule of thumb for determining VDOT charges on a Transportation Alternatives Program project.

If this project is part of a larger, multi-phased endeavor, the project budget should only address costs for the specific project scope described in the current application and identified by the termini provided. Remember that with new TA projects, each project segment (termini) will be funded separately receiving a new project agreement and project number. EXCEPTION: If this project has received past TE/TA funds and is a continuation of the proposed TE/TA project as described in previous applications, a separate column should be added to the budget identifying the prior funds received. The current/future application funds should be kept separately, and when added to prior funds, should equal the total project cost.

Provide a general schedule – tentative begin and end dates – for each phase. These dates will assist in planning and preparation for each new developmental phase. Note that a new federal authorization is required for each phase (PE, RW, CN) and must be secured prior to moving forward.

Current Attachments

<p>Description Roanoke River Greenway Status Map (10-11-17)</p> <p>Attachment Type Project Sketch</p> <p>File Name Roanoke River Greenway Status Map_ERRG BRP Crossing Area_10-26-17.pdf</p>	<p>Description Blue Ridge Parkway Letter of Support (10/13/17)</p> <p>Attachment Type Letter of Support</p> <p>File Name Blue Ridge Parkway Letter of Support_10-13-17.pdf</p>
	<p>Description Roanoke River Greenway Detailed Cost Estimate</p> <p>Attachment Type Detailed Cost Estimate</p> <p>File Name TA Grant Application_Detailed Cost Estimate_FINAL 10-12-17.pdf</p>
<p>Description Roanoke River Greenway Design Alternatives</p> <p>Attachment Type Site Development Plan</p> <p>File Name ERRG Parkway Crossing Design Alternatives A & B.pdf</p>	<p>Description Highland Road Tunnel Conversion (11/01/13)</p> <p>Attachment Type Project Sketch</p> <p>File Name Highland Road Tunnel Conversion_11-01-13.pdf</p>
<p>Description RV TPO Endorsement Resolution (10/26/17)</p> <p>Attachment Type MPO Endorsement</p> <p>File Name RVTPO TA Application Endorsement Resolution 102617.pdf</p>	<p>Description Roanoke County Public Hearing Legal Notice (10-2017)</p> <p>Attachment Type Public Notice</p> <p>File Name Roanoke Times_Public Hearing Legal Notice.pdf</p>
	<p>Description Roanoke County 2005 Comprehensive Plan (Excerpts)</p> <p>Attachment Type Local Comprehensive Plan</p> <p>File Name Excerptsfrom2005 RoanokeCountyComprehensive Plan.pdf</p>

<p>Description Roanoke Valley 2007 Greenway Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Excerptsfrom2007RoanokeValleyGreenwayPlan.pdf</p>	<p>Description Mount Pleasant 2008 Community Plan</p> <p>Attachment Type Local Comprehensive Plan</p> <p>File Name ExcerptsfromMt.PleasantMasterPlan.pdf</p>
<p>Description Roanoke County 2016 Community Strategic Plan (Excerpts)</p> <p>Attachment Type Other</p> <p>File Name ExcerptsfromRoanokeCountyStrategicPlan.pdf</p>	<p>Description Roanoke Valley 2035 Constrained Long-Range Transportation Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Excerptfrom RVAMPO-CLRTP-2035-Approved-06-23-2011.pdf</p>
<p>Description Roanoke Valley 2035 Rural Long Range Transportation Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Roanoke Valley 2035 Rural LRTP.pdf</p>	<p>Description Roanoke County 2007 Comprehensive Master Plans for Parks and Facilities (Excerpts)</p> <p>Attachment Type Local Comprehensive Plan</p> <p>File Name Excerpts2007RoanokeCounty Parks Master Plan.pdf</p>
<p>Description Explore Park 2016 Adventure Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Excerpts2016ExploreParkAdventure Plan.pdf</p>	<p>Description Roanoke Valley MPO 2012 Update to the Bikeway Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Excerpts RVAMPO-Plan-Final2012.pdf</p>
<p>Description Roanoke Valley 2006 Rural Bikeway Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name ExcerptsRVARCRuralBikewayPlan2006.pdf</p>	<p>Description Roanoke Valley TPO 2015 Regional Pedestrian Vision Plan (Excerpts)</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Excerpts2015 RVTPO RegionalPedestrianVisionPlan.pdf</p>

<p>Description Roanoke Valley 2017 Annual Update - Comprehensive Economic Development Strategy (Excerpts)</p> <p>Attachment Type Local/Regional Economic Development Strategy</p> <p>File Name 2017-RVAR-CEDS-Annual-Report.pdf</p>	<p>Description Partnership for a Livable Roanoke Valley 2014 (Excerpts)</p> <p>Attachment Type Local/Regional Economic Development Strategy</p> <p>File Name Livable Roanoke Valley EconomicDevelopmentExcerpt_2014.pdf</p>
<p>Description Roanoke Valley CVB Destination Vision 2030 (Excerpts)</p> <p>Attachment Type Local/Regional Economic Development Strategy</p> <p>File Name Roanoke Valley CVB Destination Vision 2030.pdf</p>	<p>Description Roanoke Valley TPO FY 2018-21 Transportation Improvement Program (Excerpts)</p> <p>Attachment Type Other</p> <p>File Name FY18-21TIP-042717-FINAL.pdf</p>
<p>Description East Roanoke River Greenway 2003 Master Plan</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name East Roanoke River Greenway 2003 Master Plan.pdf</p>	<p>Description Roanoke Valley 2007 Conceptual Greenway Plan Map</p> <p>Attachment Type Planning Study/Safety Study</p> <p>File Name Roanoke Valley Greenway Plan Map 2007.pdf</p>
<p>Description National Park Service Site Visits (2012 & 2017)</p> <p>Attachment Type Other</p> <p>File Name NPS Site Visit Pictures 2012 and 2017.pdf</p>	<p>Description VDOT Site Visit Pictures (2012)</p> <p>Attachment Type Other</p> <p>File Name VDOT Site Visit Pictures 07-18-12.pdf</p>
<p>Description Roanoke County Board of Supervisors Resolution (10/24/17)</p> <p>Attachment Type Resolution of Support</p> <p>File Name RoCo BOS 10-24-17 TA Resolution.pdf</p>	<p>Description Greenway Commission Letter of Support (10/31/17)</p> <p>Attachment Type Letter of Support</p> <p>File Name Greenway Commission Letter of Support for RRG under Parkway.pdf</p>

Description

National Park Service Roanoke Valley/Blue Ridge Parkway Trail Plan (2015)

Attachment Type

Planning Study/Safety Study

File Name

Roanoke Valley Blue Ridge Parkway Trail Plan 2015.pdf

Description

East Roanoke River Greenway Phasing Map (Roanoke County)

Attachment Type

Project Sketch

File Name

East Roanoke River Greenway Phasing Map_11-01-17.jpg



Virginia Department of Rail and Public Transportation
600 East Main Street, Suite 2102
Richmond, VA 23219
(804) 786-4440



VDOT Central Office
1401 East Broad Street
Richmond, VA 23219
(804) 367-7623 (toll-free)
711 (hearing impaired)

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