



TA Set-Aside Application

Glade Creek Greenway Vinyard Park West

Project Status: Screened In

Organization: Roanoke County

Project ID: 8025

General

Project Sponsor

Organization

Roanoke County Department of Planning

Point of Contact

Megan Cronise

Title

Transportation Planning Administrator

Address

PO Box 29800

Address 2

5204 Bernard Drive

City

Roanoke

ZIP Code

24018

ZIP+4

4345

Email

mcronise@roanokecountyva.gov

Phone

(540) 772-2106

Fax

(540) 776-7155

Responsible Person

Name

David Henderson

Title

Roanoke County Engineer

Address

PO Box 29800

Address 2

5204 Bernard Drive

City

Roanoke

ZIP Code

24018

ZIP+4

4345

Email

dhenderson@roanokecountyva.gov

Phone

(540) 772-2083

Fax

(540) 776-7155

Project Information

Sponsor DUNS Number

062353610

Is this an existing project – has the Applicant received prior TA funds for a project having the same termini as identified on this application?

No

Do you want to administer this project if funding is awarded?

Yes

Project Title

Glade Creek Greenway Vinyard Park West

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".

Construct a segment of the Glade Creek Greenway along Glade Creek through Roanoke County's Vinyard Park West. The ten-foot-wide asphalt bicycle and pedestrian trail will begin at the parking lot adjacent to Berkley Road and will continue west for approximately one-half mile along Glade Creek past athletic fields and another parking lot to the edge of the park, which is located in the Town of Vinton.

Project Short Description

Construct Phase 4 of the Glade Creek Greenway along Glade Creek through Roanoke County's Vinyard Park West, from the Berkley Road parking lot to the western edge of the park located in the Town of Vinton.

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

Construction of bicycle and pedestrian facilities

What is the project's primary relationship to transportation? Select the best option from the list provided.

Connections for tourism: connection to historic district, historic site, regional trail system, etc.

Describe the specific purpose and need for the proposed improvements. Explain how the project will improve the existing transportation network.

Glade Creek Greenway is identified in the 2018 Roanoke Valley Greenway Plan, which has been adopted by the Roanoke County Board of Supervisors. The Town of Vinton has constructed two segments of the greenway (Phases 1 and 2A) and a third segment (Phase 2B) is funded and in design. The Town has conceptually scoped a greenway alignment (Phase 3) that will connect the constructed segment to this proposed greenway and has requested Surface Transportation Block Grant funding. The proposed Roanoke County segment in Vinyard Park West (Phase 4) will continue to extend the greenway east through Vinyard Park East and towards residential neighborhoods in the City of Roanoke (Phases 5 and 6). These neighborhood connections will enable residents to walk from their homes along Glade Creek through Vinyard Park East and West, to downtown Vinton, to the Tinker Creek Greenway and to the Roanoke River Greenway. See attachment "Glade Creek Greenway Overview" for a map indicating all of the described segments.

Provide the name and title of the current employee within your organization that has

Could this be considered a regionally significant project?

Yes

Provide details regarding overall project and purpose including any anticipated benefits to tourism, commuter travel or local economy. Also describe what measures are in place to sustain and promote the completed facility.

The greenway will be located within Vinyard Park West, which is a County-owned and maintained facility comprised of 40 acres that lies in both Roanoke County and the Town of Vinton, and is adjacent to the City of Roanoke. See attachment "Glade Creek Gwy Phase 4 Map" for details. Vinyard Park is a key asset in Roanoke County's sport tourism inventory that includes fields for baseball, football, soccer, and lacrosse, as well as a playground area and picnic shelter. The heavily utilized facility hosted more than 1,091 recreation, travel/select, high school and Olympic Development games, training sessions and tournaments last year. Roanoke County recently completed a stream restoration project along Glade Creek, which was designed to also preserve a greenway corridor through the park. The section of Glade Creek through Vinyard Park is stocked with trout by the Virginia Department of Wildlife Resources and Vinyard Park is a popular recreational destination for fishermen within an urbanized area. The proposed Glade Creek Greenway will enhance Vinyard Park by providing an accessible shared use path for a variety of recreational users. When complete, Glade Creek Greenway will provide a commuter route for residents living in the City of Roanoke and Town of Vinton to access employers in both jurisdictions. Businesses located in the Town of Vinton will also benefit from the completed Glade Creek Greenway, as users will be able to easily walk to, shop and eat at local establishments. The Glade Creek Greenway through Vinyard Park West will be regularly maintained with the rest of the park by Roanoke County Parks, Recreation and Tourism staff. Orvis has also adopted Vinyard Park as a Roanoke County Park Partner, which requires organized litter control and/or park beautification work days at least four times per year. Roanoke County staff, Town of Vinton staff and the Roanoke Valley Greenway Commission will promote the completed facility.

Districts Served

- Salem

Jurisdictions Served

- Roanoke County
- Vinton Town

MPOs Served

- Roanoke Valley Transportation Planning Organization

PDCs Served

- Roanoke Valley-Alleghany Regional Commission

\$ Delivery/Funding

Phase Estimate and Schedule

Phase Milestone

PE (Survey, Environmental, Design)

Status

Not Started

Base Cost Estimate

\$90,000.00

Risks/Contingency/U

nknowns

10.00 %

Start Date

2022-07-01

Phase Estimate + Contingency

\$108,177.00

Phase Milestone

RW (Right of Way and Easement Acquisition, Utility Relocation)

Status

Not Needed

Phase Milestone

CN (Construction, Oversight, Contingencies)

Status

Not Started

Base Cost Estimate

\$293,865.00

Risks/Contingency/Unknowns

30.00 %

Start Date

2025-06-06

End Date

2026-06-02

CEI

24.00 %

Phase Estimate + Contingency

\$543,198.00

Total Cost Estimate

\$651,375.00

Project Financing Details**Tentative TA Funding Request**

\$521,100.00

Local Match Requirement

\$130,275.00

Total Project Cost

\$651,375.00

Federal TA Funds - This Application (FY2023-FY2024)

\$521,100.00

Local 20% Match - This Application (FY2023-FY2024)

\$130,275.00

Federal TA Funds - Prior TA Funding Received

\$0.00

Local 20% Match - Prior TA Funding Received

\$0.00

Do you plan to use third-party donations other than cash, to meet all or part of the 20% local match requirement?

No

Identify the funding source(s) for any project funding above the required 20% Local Match amount; this amount should be shown as "Other Project Funds".

The 20 percent local match is anticipated to be Roanoke County Cash through the Capital Improvement Program.

 Concept

Project Concept

The use of federal transportation funds requires compliance with the Americans with Disabilities Act (ADA), describe how the project will meet these design requirements.

Vinyard Park West is fairly flat, as it is located primarily in the Glade Creek Greenway floodway and 100-year floodplain. Accordingly, there will be minimal elevation change and the maximum greenway grade will be three percent. The greenway will be 10 feet wide and constructed of asphalt, which may be narrowed slightly at pinch points next to sports fields. Entrances to the greenway at both parking lots will be at grade so no ramps will be needed.

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

There may be width challenges at pinch points near sports fields where the greenway may need to be narrowed to eight feet.

Project Features

 Improves Transportation Network

Project Improves Transportation Network

Does this project improve access and / or service to an underserved community?

Yes

If yes, explain specifically how the project will benefit the referenced community

The Glade Creek Greenway will provide a free and alternative mode of transportation for concentrated populations of children, elderly people, low-income households, and people with disabilities. The census tract this project is located in (Roanoke County Census Tract 311.02) has a higher percentage of people under the age of 18 than either Roanoke County or the Town of Vinton. Both Roanoke County Census Tract 311.02 and the Census Tract immediately adjacent to Vinyard Park (Roanoke City Census Tract 6.02) have a lower median household income and a higher percentage of people with disabilities than the localities they are contained within, the State of Virginia, and the United States. Roanoke County,

the Town of Vinton, and the City of Roanoke all have a higher share of residents over the age of 65 than the State of Virginia and the United States. In addition, Roanoke City Census Tract 6.02 has a higher share of residents over the age of 65 than Roanoke City as a whole.

Does this project include improvements to multi-modal transportation options including connections to metro stations, train stations, bus stops, etc.?

Yes

Supporting Information

When Glade Creek Greenway Phases 3 and 4 are complete, the greenway will connect to an existing Valley Metro bus route that travels along Washington Avenue to South Pollard Street. By catching the bus on either of these roads, riders can travel to other destinations within the Town of Vinton, within Northeast Roanoke, or to Campbell Court in Downtown Roanoke where riders can transfer to other bus routes that circulate throughout the Roanoke Valley. Please see the attachment "TOV Valley Metro Route Connection".

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

Yes

Why was this location chosen?

The proposed paved greenway will provide bicycle and pedestrian facilities for Vinyard Park West users where there is currently not a facility in place. Once connected to Phase 3, users will be able to easily travel to destinations within the Town of Vinton and beyond. When future Phases 5 and 6 are constructed, the greenway will connect to residential neighborhoods in the City of Roanoke as well (see attachment "Mountain Brook Villas PUD Phase 6.pdf").

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

Yes

Supporting Information

When Phases 3 and 4 are complete, the Glade Creek Greenway will enable users to access the extensive network of sidewalks throughout the Town of Vinton to easily meet daily needs. Nearby destinations include restaurants, the Vinton Library, the Vinton Municipal Building, the Vinton Post Office, the Vinton Farmers' Market, several churches, banks, doctors' offices, salons, automotive repair businesses and convenience stores.

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.)?

No

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

No

Is this project specifically identified / named in the local and / or regional transportation plan?

Provide name of the plan and date completed.

The Glade Creek Greenway through Vinyard Park West is specifically identified in Vision 2040:

Yes

Roanoke Valley Transportation, the Constrained Long-Range Multimodal Transportation Plan for the Roanoke Valley Metropolitan Planning Organization which was adopted by the Roanoke Valley Transportation Planning Organization on September 23, 2021. Please see the attachment labeled "Vision 2040: Roanoke Valley Transportation excerpt".

▶▶ Project's Readiness To Proceed

Project's Readiness to Proceed

Design / engineering will be performed:

In-house utilizing a current on-call contract

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)?

Yes

Identify specific preliminary work / activities completed to date.

Roanoke County staff identified the preferred route for the greenway through Vinyard Park West. Using the route, County staff designed conceptual plans utilizing survey data from a recent Glade Creek Stream Restoration project. The conceptual plans are attached as "Glade Creek Gwy Concept Plans". When funding is obtained, on-call consultants will be able to use the detailed conceptual plans as a solid foundation for the Preliminary Engineering phase.

Has design work started?

No

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 overhead utilities located within the proposed project that will need to be relocated in order to meet ADA width/clearance requirements?

No

Has the proposed project been discussed with VDOT staff?

Yes

Who within the VDOT organization have you coordinated with? Select all that are applicable.

- District Staff
- Residency Staff
- Central Office Staff

Which of the following topics were discussed with VDOT staff? Select all that are applicable.

- Scope
- Termini
- Cost
- Right of Way
- Schedule

Has a preliminary site visit been conducted?

Yes

Identify the attendees present:

Visit 1: (Roanoke County Staff) Lindsay Webb - Parks, Planning and Development Manager; Mark Courtright - Assistant Director of Parks; Eric Vest - Parks Manager; David Henderson, P.E. - County Engineer; Brian Epperley - Transportation Engineer; Nickie Mills, Civil Engineer II Visit 2: (Roanoke County Staff) Lindsay Webb - Parks, Planning and Development Manager; Allen Hayes, Recreation Program Manager for Athletics; Eric Vest - Parks Manager; David Henderson, P.E. - County Engineer; Brian Epperley - Transportation Engineer; Will Crawford, Transportation Planner; Megan Cronise, Transportation Planning Administrator; (Town of Vinton Staff) Anita McMillan, Planning Director; Nathan McClung, Assistant Planning & Zoning Director; (VDOT Staff) Brian Blevins, P.E., Salem Residency Assistant Resident Engineer; Jessie Nester, Salem District Location & Design, LAP Project Coordinator

Describe the observations made:

At both visits, the groups walked the route of the previously completed Glade Creek Stream Restoration project, which created a bench for a portion of the greenway route. Observations made included suitable greenway termini, how and where the Town of Vinton's Phase 3 segment can connect, acceptable proximity to the creek and distance from existing athletic fields. The size, type and location of fields change depending upon the season and number of participants/teams playing various sports. Planning the greenway to avoid the maximum footprint that can be utilized for athletic fields, while not pushing too far towards Glade Creek, requires careful measurements. See attachment "Glade Ck Gwy Site Visit Photos" for images of the park and proposed greenway location taken on August 6, 2021.

Explain the possible challenges identified:

Several athletic fields will need to be avoided to keep from impacting Parks and Recreation operations. Drainage culvert improvements and additions will be needed to facilitate adequate discharge to Glade Creek. A tall net located between the end of a football field and Glade Creek, to keep footballs from being punted into the creek, may need to be relocated closer to the football field so the greenway can pass behind it. Fencing is also proposed in two locations along the edge of the greenway at the top of the slope down to Glade Creek to keep users from accidentally sliding along the slope into the creek.

The following are design elements / areas that may require additional investigation:

As mentioned above, a tall net may need to be relocated and fencing will most likely be needed between the greenway and the creek at two locations. There are also two existing access points to Glade Creek that are proposed for improvement and formalization with asphalt paths connecting to the proposed greenway that will need investigation. Please see the attachment "Stormwater Management Narrative" which explains the anticipated approach to stormwater quantity and quality for the project.

Have the anticipated right-of-way needs for the project been evaluated?

Yes

Who performed the evaluation (name, title, and organization)?

David Henderson, P.E., Roanoke County Engineer; Brian Epperley, Roanoke County Transportation Engineer

Knowledge of the current right-of-way situation is critical to the project's cost estimate and schedule. Select the most accurate assessment of the current right of way status.

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

Public Information / Participation Meeting Held

Advertisement or other evidence attached

Yes

MPO Endorsement (if applicable)

Endorsement Attached

Yes

Resolution from Project Sponsor

Resolution Attached

Yes

Sponsor Certifies

The Responsible Person is familiar with Transportation Alternatives eligibility criteria and the Locally Administered Projects (LAP) Manual.

Yes

The Responsible Person will provide technical guidance and oversight to staff and/or consultants throughout project development.

Yes

Budget accurately reflects cost of proposed project based on preliminary work performed.

Yes

Project development will comply with all state and federal regulations, including ADA requirements.

Yes

It is understood that this project must be under construction, or at a point of contract award, within four (4) years of the initial federal funding allocation.

Yes

We will be responsible for ensuring future maintenance and operating costs of the completed project.

Yes

It is understood that the sponsor must have in its employ, a full-time staff member who has successfully completed the LAP qualifications program in order to administer a TA project.

Yes

Sponsor Certification

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

knowledge.

Yes

Sponsor Name

Megan Cronise

Date

2021-10-01

 Attachments

Projects Located in TMA

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

The Glade Creek Greenway through Vinyard Park West is specifically identified in Vision 2040: Roanoke Valley Transportation, the Constrained Long-Range Multimodal Transportation Plan for the Roanoke Valley Metropolitan Planning Organization. Please see the attachment labeled "Vision 2040: Roanoke Valley Transportation excerpt".

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 Glade Creek Greenway is identified in the 2018 Roanoke Valley Greenway Plan which has been adopted by the Roanoke Valley Greenway Commission, the Roanoke County Board of Supervisors and governing boards in the Town of Vinton, City of Roanoke, City of Salem and Botetourt County (see attachment "Greenway Plan Excerpts Glade Creek 6-16-21.pdf"). Greenways are also identified in the Roanoke County Comprehensive Plan as features to be incorporated within neighborhoods as well as from neighborhoods to adjacent institutional services, other neighborhoods and commercial centers (see attachment "RoCo Comprehensive Plan"). The Vinton Area Corridors Plan, adopted as part of the Roanoke County Comprehensive Plan, also identifies the Glade Creek Greenway as a priority for Town and County citizens. See attachment "VACP Excerpt". The RVTPO Regional Pedestrian Vision Plan identifies segments of the Glade Creek Greenway located in several jurisdictions, to include the proposed alignment in Vinyard Park West (see attachment "Ped Vision Plan"). The Roanoke County Strategic Plan endorses regional strategies that improve the transportation network, as well as encouraging different modes of transportation for bicycles and pedestrians (see attachment "Strategic Plan"). The Comprehensive Economic Development Strategy for the Roanoke Valley-Alleghany Regional Commission includes the completion of the Roanoke Valley Greenway network as a strategy and specifically includes completion of the Glade Creek Greenway in Roanoke County (see attachment "CEDS"). Lastly, the Virginia Outdoors Plan includes the Roanoke River Greenway Network and specifies that the 2017 Virginia Outdoors Demand Survey indicated 43 percent of Virginians ranked trails as the most needed recreational opportunity (see attachment "VOP").

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

Greenways are intended to be off-road facilities and frequently incorporate grade-separated crossings of roadways, railroads and other features. The proposed Glade Creek Greenway segment in Vinyard Park West is designed to connect to parking lots for convenience but there are no opportunities for walkers or bicyclists to be interacting with vehicles while on the greenway. Greenways are by design safer and less intimidating than on-road bicycle facilities or sidewalks adjacent to roadways because greenways are typically located away from roadways and along watercourses.

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

The proposed greenway project creates a transportation facility that is currently non-existent for those with special needs. The relatively flat orientation of the proposed greenway, combined with an asphalt surface, creates an easily-navigable surface for those with disabilities to use.

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.


In addition to the Board of Supervisors Public Hearing held on September 21, 2021, Roanoke County Planning staff reached out to Vinyard Park West users on two different occasions during busy nights at the park. See attachment "Glade Creek Outreach and Survey Results.pdf" with details about the the dates, times and method of soliciting feedback, as well as the survey instrument and final survey results. Eight respondents indicated unanimous support for the proposed greenway segment. County staff coordinated with Town of Vinton staff regarding how Phases 3 and 4 will connect together. County staff also collaborated with City of Roanoke staff about the future Phase 5 crossing of Berkley Road, a City roadway, and the alignment of the greenway past Vinyard Park East when it enters the City of Roanoke. See related attachments "Town of Vinton Letter of Support" and "Mountain Brook Villas PUD Phase 6.pdf" which shows a proposed alignment for a segment of Phase 6 in the City of Roanoke.

Safe Routes to School

Detailed Cost Estimate (Project Budget)

Status of Existing Projects

Request for VDOT Administration

 Supporting Documents

Attachment Type	Description	File Name
Project Delivery Schedule	Scheduling Tool for Glade Creek Gwy	Scheduling Tool GladeCkGwy PreApp 6-24-21.xlsx

Attachment Type	Description	File Name
Other	County Administrator Designee Ltr wOrdinance	CA Designees Signatory Authority Ltr wOrdinance 3-13-20.pdf
Other	Glade Creek Greenway VDOT Estimate Workbook	Glade Creek Greenway VDOT Estimate Workbook for Pre Application 6-29-21.xlsm
Detailed Cost Estimate	Estimate Template GladeCkGwy	Revised Estimate Template GladeCkGwy 6-24-21 for PreApp.xlsx
Request to Administer	Glade Creek Gwy RtA	Glade Creek Gwy RtA Final Signed 7-1-21.pdf
Other	8025 Pre-App Screening Comments.xlsx	8025 Pre-App Screening Comments.xlsx
Local Comprehensive Plan	Greenway Plan Excerpts Glade Creek 6-16-21.pdf	Greenway Plan Excerpts Glade Creek 6-16-21.pdf
Other	Roanoke County Response RE_ [EXTERNAL] - New Alert on VDOT SMART Portal Pre-Application.pdf	Roanoke County Response RE_ _EXTERNAL_ - New Alert on VDOT SMART Portal Pre-Application.pdf
Request to Administer	8025 Salem District Approved RTA.pdf	8025 Salem District Approved RTA.pdf
Public Notice	RT Glade Creek Advertisement 9-23-21.pdf	RT Glade Creek Advertisement 9-23-21.pdf
Resolution of Support	BOS Resolution Glade Creek.pdf	09-21-#4-reso-Glade Creek.pdf
MPO Endorsement	FY23-24 RVTPO TA Project Endorsements Resolution	FY23-24 RVTPO TA Project Endorsements Resolution-092321.pdf
Letter of Support	Town of Vinton Letter of Support	TM Ltr of Support for ROCO GCG_August 2021_pete.pdf
Project Sketch	Mountain Brook Villas PUD Phase 6.pdf	Mountain Brook Villas PUD Phase 6.pdf
Planning Study/Safety Study	Vision 2040: Roanoke Valley Transportation excerpt	Glade Creek EXCERPT Vision-2040-Plan.pdf
Other	TOV Valley Metro Route Project ID: F35-000008527-R01	TOV Valley Metro Route and

Attachment Type	Description	File Name
	Connection	Phase 3.pdf
Project Sketch	Glade Creek Gwy Concept Plans	Glade Creek Concept Plans 8-31-21.pdf
Other	Stormwater Management Narrative	DHenderson Stormwater Management 10-1-21.pdf
Local Comprehensive Plan	RoCo Comprehensive Plan	Glade Creek EXCERPT 2005 Comprehensive Plan.pdf
Local Comprehensive Plan	VACP Excerpt	VACP Excerpts.pdf
Other	Ped Vision Plan	REGIONAL-PEDESTRIAN-VISION-PLAN-Excerpt.pdf
Other	Strategic Plan	Strategic Plan - Excerpt.pdf
Local/Regional Economic Development Strategy	CEDS	Glade Creek EXCERPT 2021_RVAR_CEDS.pdf
Other	VOP	vopchapt08.pdf
Other	Glade Creek Outreach and Survey Results.pdf	Glade Creek Outreach and Survey Results.pdf
Other	Glade Creek Greenway Overview	Glade Creek Greenway Overview 9-27-21.pdf
Other	Glade Ck Gwy Site Visit Photos	Glade Ck Gwy Site Visit Photos 8-6-21.pdf
Other	Glade Creek Gwy Phase 4 Map	Glade Creek Gwy Phase 4 Map 9-13-21.pdf



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)

