ATTACHMENT #5

TA Set-Aside Application

G Street Sidewalk Improvements

Project Status: Submitted

Organization: Purcellville Town

Project ID: 7976

General

Project Sponsor

Organization
Town of Purcellville

Point of Contact
Dale Lehnig, PE, CFM

Title
Director of Engineering, Planning & Dev.

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221 S. Nursery Avenue

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Responsible Person

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Project Information

Sponsor DUNS Number

055663017

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

G Street Sidewalk Improvements

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".

There is no existing pedestrian walkway along the section of G Street from E Street to 604 East G Street. The proposed walkway (5-foot sidewalk) would provide a linkage from existing sidewalks along E Street, G Street and 12th Street to existing sidewalk on the eastern end of G Street. The existing sidewalk on G Street connects to sidewalk along S. Maple Avenue and also a walkway into the Gardner Meadows subdivision. Gardner Meadows has existing sidewalks which connect to the A Street Shared Use Path, a direct link to the main entrances of Blue Ridge Middle School. The proposed sidewalk also borders the Blue Ridge Middle School's rear property where sports fields are located. In addition to the sidewalk, the project would include ADA compliant curb ramps and curb and gutter.

Project Short Description

The project proposes to install a missing section of sidewalk along East G Street, from East E Street to 604 G Street where existing sidewalk starts/ends. This proposed sidewalk not only borders Blue Ridge Middle School’s rear property, but also connects to existing pathways that lead to the A Street Shared Use Path, which brings pedestrians and bicyclists to the main entrances of Blue Ridge Middle School.

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

Safe Routes to School: SRTS project

If this is being pursued as a SRTS project, is the proposed improvement located within 2 miles of an elementary / middle (K-8) school?

Yes

Is this a non-infrastructure project? For example – educational training and / or materials.

No

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

Connections to daily needs: shopping, school, library, post office, etc.

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

Despite being located in a central residential area of Town, East G Street is missing a critical segment of sidewalk. Existing sidewalks on E Street, 14th Street, D Street, Courts of St. Francis subdivision and 12th

Street (current VDOT RS project with ad date of 06/2023) provide access to G Street where pedestrians have no other choice but to walk along the edge of the roadway that includes a blind curve to reach an existing sidewalk that begins at 604 G Street. This existing sidewalk then connects to a pathway that leads into the Gardner Meadows subdivision, where pedestrians can safely use sidewalks to reach the A Street Shared Use Path (completed in 2019) that leads to the main entrances of Blue Ridge Middle School (approximately 0.50 miles from G Street to the middle school). The proposed sidewalk also borders the school's rear parcel where pedestrians have the option of crossing level, grassy terrain to reach the school building. Furthermore, the proposed sidewalk connection to existing sidewalk on G Street also allows pedestrians to safely arrive at Maple Avenue, providing an opportunity for pedestrians to reach Main Street (Business Route 7) and Loudoun Valley High School located further north on Maple Avenue. It is approximately 0.5 miles and 0.8 miles from the proposed sidewalk connection to Main Street and the high school, respectively.

Provide the name and title of the current employee within your organization that has successfully completed VDOT's Locally Administered Qualifications program?

Dale Lehnig, Director of Engineering, Planning & Development; Jessica Keller (Mehl), Capital Projects Coordinator

Location

Location Details

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

No

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

No

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

No

Start Location	End Location
East E Street	604 East G Street

Project ZIP Code	ZIP+4
20132	3329

Select the project's location from the list provided.

Purcellville Town

Is this project part of a multi-phased or larger project that crosses multiple jurisdictions?

No

Could this be considered a regionally significant project?

No

Districts Served
- NOVA

Jurisdictions Served
- Purcellville Town

MPOs Served
- National Capital Region Transportation Planning Board

PDCs Served
- Northern Virginia

$ Delivery/Funding

Phase Estimate and Schedule

Phase Milestone
PE (Survey, Environmental, Design)

Status
Not Started

Base Cost Estimate
$528,300.00

Risks/Contingency/Unknowns
20.00 %

Start Date
2022-08-01

Phase Estimate + Contingency
$692,728.00

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

Status
Not Started

Base Cost Estimate
$657,350.00

Risks/Contingency/Unknowns
20.00 %

Start Date
2025-03-19

Phase Estimate + Contingency
$914,479.00

Phase Milestone
CN (Construction, Oversight, Contingencies)

Status
Not Started

Base Cost Estimate
$611,000.00

Risks/Contingency/Unknowns
40.00 %

Start Date
2026-04-18

End Date
2026-10-18

CEI
20.00 %

Phase Estimate + Contingency
$1,217,014.00

Total Cost Estimate
$2,824,221.00

Project Financing Details

Tentative TA Funding Request

$2,259,376.00

Local Match Requirement

$564,844.00

Other Project Funds (Non-TA Funds) - Include local funds, other grants and donations

$0.00

Total Project Cost

$2,824,221.00

Federal TA Funds - This Application (FY2023-FY2024)

$2,259,376.80

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

$564,844.00

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”.

N/A

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.

The project proposes to install a concrete sidewalk that is 5 feet in width, with a cross-slope that does not exceed 2% and a running slope that does not exceed 5%. The sidewalk will be free of obstructions. Curb ramps will be provided at the E Street intersection and those will meet current ADA design requirements such as a maximum slope of 8.33% on the ramp, a landing that does not exceed 2% in any direction, and detectable warning pavers at the bottom of the ramp.

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

There may be some grade challenges due to existing terrain.

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 project is located in Block Group, 2 Census Tract 6107.02, Loudoun County, Virginia. HUD data for this block group is 24.47% low to moderate income persons (29.57% uncapped low to moderate income persons).

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

No

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

Yes

Why was this location chosen?

This location was chosen because it is a missing link between existing pedestrian facilities. Furthermore, it provides access to a public middle school which would allow the residential area to the west of the proposed project to safely become a walk zone for the school.

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

Yes

Supporting Information

Yes, the project will provide a safe and accessible non-motorized route to a public school. Also, the new sidewalk will connect to the Town's existing network of sidewalks and trails which will increase non-motorized opportunities for traveling around Town to reach businesses, parks and recreational facilities.

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.)?

Yes

Supporting Information

Yes, the project will add a crosswalk, ADA ramps, and a grass buffer strip whenever possible.

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

Yes

Supporting Information

Yes, the project will add a crosswalk.

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

Yes

Provide name of the plan and date completed.

Purcellville Townwide Transportation Plan (September 2009) elaborates on the Town continuing to fill gaps in its pedestrian and bicycle network.

Project's Readiness To Proceed

Project’s Readiness to Proceed

Design / engineering will be performed:

Utilizing an outside consultant firm yet to be procured

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.

A site visit was conducted by the Town and the Town's consultant. With the information gathered from the site visit, the Town's consultant developed a Concept Plan and an Opinion of Probable Cost (OPC). Furthermore, the Town has shared and discussed the concept with Loudoun County Public Schools, and with Town residents via a public meeting.

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?

Yes

Identify the utility owner(s).

Dominion Energy, Comcast, Verizon

Have the owners of the impacted utilities been consulted regarding removal and /or relocation of their facilities?

No

Are the utility relocation costs included in the project budget?

Yes

Has the right of way needed for relocation of the poles been secured?

No

Attach pictures of poles within the specified project area and explain how their removal/relocation will impact the project.

There are seven utility poles located within the proposed project limits. Two utility poles and the guy wires of one utility pole need to be relocated. This will increase the project cost, but has already been included in the project estimate.

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

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

- Scope
- Cost
- Right of Way

Has a preliminary site visit been conducted?

Yes

Identify the attendees present:

Dale Lehnig and Jessica Keller

Describe the observations made:

7 residential parcels and 2 school-owned parcels will require permanent sidewalk easements and temporary construction easements; minimal impact to 640 G Street (connect to existing sidewalk); keep proposed curb ramp within existing ROW at 450 G Street

Explain the possible challenges identified:

Utility poles (relocations for at least 2 poles and the guy wires of 1 pole), a retaining wall and handrail are probably needed, may have to remove two trees, may have to remove and relocate existing fences and mailboxes

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

Utility relocations and the need for a retaining wall

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

Yes

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

Geoff Giffin and Mark Phillips, Transportation Engineers with Kimley-Horn & Associates, Inc. performed a preliminary evaluation.

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.

Right of way has not yet been secured for this project (includes when RW acquisition has started but not been completed)

Sponsor Certification

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 **Date**

Town of Purcellville	2021-10-01

Attachments

Projects Located in TMA

Safe Routes to School

Project Sponsor Organization

Town of Purcellville

Attached:

Yes

Provide the name of the school(s) and school division this project serves, indicating whether the school is designated Title-1.

Blue Ridge Middle School, Loudoun County Public Schools, Title-1: no

Walk

300

Bike

0

School Bus

431

Family Vehicle

100

Carpool

0

Public Transit

0

Other

0

Total

831

Source	Date/Month (MM-yyyy)
Principal's observations and the 10-day enrollment report provided by LCPS for 2021-2022 school year	09-2021

Less than ½ mile

71

½ to 1 mile

302

1 to 2 miles

166

Over 2 miles

296

Total

835

Source	Date/Month (MM-yyyy)
Loudoun County Public Schools GIS Services. Distances are from front door to front door, as the crow flies, not by sidewalk routes. Student counts are calculated using 2020-2021 school year data.	09-2021

Was a SRTS Parent Survey conducted by the school to determine whether they identified the project as a need?

Yes

Summarize the results of the survey, particularly how they relate to the project, and indicate the year the survey was completed.

The Parent Survey was completed in September 2021. All of the respondents with the exception of 1 supported the construction of this missing section of sidewalk along G Street. Some respondents gave optional comments that can be summarized as appreciation for a new sidewalk in this location because walking here presently feels dangerous. The attendees of the September 2021 public informational meeting were also in favor of the sidewalk.

Describe the barriers that currently prevent kids from walking/biking safely to school and how this project would mitigate or remove those barriers. In particular, how will this project improve the safety of the route to school and encourage more children to walk or bike?

Students who live in the residential area northwest of Blue Ridge Middle School do not have a continuous safe walking route to school. While a great sidewalk network in the vicinity exists (sidewalks along E Street, 14th Street, D Street, 12th Street, eastern G Street, Maple Avenue, the subdivisions of Gardner Meadows and Courts of St. Francis), a missing section of sidewalk along G Street forces pedestrians to walk along the edge of the roadway that includes a blind curve. The Town believes that the proposed sidewalk would encourage more students to walk to school by providing a safe and ADA accessible route. Furthermore, Loudoun County Public Schools would be able to expand the current walk zone to include G Street and the surrounding streets due the addition of this sidewalk. Current School Board policy recommends walking routes of up to 1.25 miles for middle schools. The starting point for this project is approximately 0.5 miles from the front door of the school.

Describe any efforts that the school or community is currently involved in to encourage kids to walk or bike to school.

Traffic congestion has increased steadily over the years and is a major issue in Loudoun County; it comes as no surprise that congestion around Loudoun County Public School (LCPS) facilities has also increased. LCPS launched the “Congestion Must Go” campaign in 2019. The campaign is focused on minimizing traffic congestion in and around school campuses, surrounding road networks, and in neighboring communities. The goal of the “Congestion Must Go” campaign is to actively promote bus ridership, walking, biking and

carpooling, while increasing student safety. Specific to walking and biking, the initiative encourages students to walk and bike to school providing information on how to form a “walking school bus”, bike safety rodeos and a bicycle donation program that places gently used bicycles (helmets, lots and lights) with children in need. The program promotes the health and environmental benefits of walking and biking to school. The LCPS task force is comprised of staff from the Department of Support Services (Planning Division and Transportation Division) and Safe Routes to Schools Program. The team works closely with schools, school communities, Parent Organizations and area homeowners’ associations to promote various activities, programs and ideas which can be implemented to help achieve the goals of the campaign. Information about the program can be found at https://www.lcps.org/Page/225064

Detailed Cost Estimate (Project Budget)

Status of Existing Projects

Request for VDOT Administration

Supporting Documents

Attachment Type	Description	File Name
Project Sketch	G Street with aerial.pdf	G Street with aerial (1).pdf
Request to Administer	RtA_G Street Sidewalk Pre-Application.pdf	RtA_G Street Sidewalk Pre-Application.pdf
Project Delivery Schedule	Scheduling_Tool_-_Application_2021_G Street.pdf	Scheduling_Tool_-_Application_2021_G Street.pdf
Capital Improvement Plan	FY 22 ADOPTED BUDGET_G STREET SIDEWALK.pdf	FY 22 ADOPTED BUDGET_G STREET SIDEWALK.pdf
Other	BRMS21-22 Attendance Area & Walk Zone.pdf	BRMS21-22 Attendance Area & Walk Zone.pdf
Public Notice	News Release - Public Informational Meeting G Street Sidewalk Improvements.pdf	News Release - Public Informational Meeting G Street Sidewalk Improvements.pdf

Attachment Type	Description	File Name
Letter of Support	Principal Letter September 2021.pdf	Principal Letter September 2021.pdf
Resolution of Support	21-09-03 Supporting a TA Application to VDOT for G Street Sidewalk Improvements.pdf	21-09-03 Supporting a TA Application to VDOT for G Street Sidewalk Improvements.pdf
Project Sketch	G Street_Revised Concept_09292021.pdf	G Street_Revised Concept_09292021.pdf
MPO Endorsement	MPO endorsement.pdf	MPO endorsement.pdf
Public Notice	Public Notice of Informational Meeting.pdf	Public Notice of Informational Meeting.pdf
Other	BRMS PARENT SURVEY SEPT 2021.pdf	BRMS PARENT SURVEY SEPT 2021.pdf
Detailed Cost Estimate	G-Street Sidewalk Improvements_OPC_09302021.pdf	G-Street Sidewalk Improvements_OPC_09302021.pdf

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