

Transportation Alternatives Program 2013 Application

Instructions

Complete application in the space provided. Applicants are limited to application form and 5 pages of attachments. Submit completed application and attachments electronically to dale.robins@rtc.wa.gov. You will receive an e-mail confirmation within one business day of submittal. If you do not receive confirmation or have questions about the application contact Dale Robins at 360-397-6067 x5212.

General Information

Project Title: Salmon Creek Avenue Multi-Use Pathway

Project Location and Limits: Salmon Creek Avenue (WSUV Entrance to Pleasant Valley Park)

Project Length (miles): 0.4 miles

Agency: Clark County Public Works

Contact Person: [REDACTED]

Telephone: [REDACTED] Email: [REDACTED]

Certified Acceptance Agency: Clark County Public Works

Project Screening Criteria

Check all that apply.

- Project is consistent with the MTP/RTP
- Project contains at least one eligible Transportation Alternatives Category
- Project is directly related to the surface transportation system (except trails)
- Project does not supplement the construction of an existing project
- Project is open to public access

Cost Summary

Project Phase	Start Date	TAP Funds	Other Funds	Total Cost
Design	07/01/2013	\$66,000	\$16,000	\$82,000
Right of Way	05/01/2013		\$45,000	\$45,000
Construction	08/01/2014	\$580,000	\$145,000	\$725,000
Totals	n/a	\$646,000	\$206,000	\$852,000
Overall Match Ratio:				24.18%

Project Type

Check all that apply.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Bike/Pedestrian facilities | <input type="checkbox"/> Vegetation management practices |
| <input checked="" type="checkbox"/> Safe routes for non-drivers | <input type="checkbox"/> Archaeological activities |
| <input type="checkbox"/> Abandoned railroad corridors for trails | <input checked="" type="checkbox"/> Environmental mitigation activity |
| <input type="checkbox"/> Turnouts, overlooks, and viewing areas | <input checked="" type="checkbox"/> Recreational Trails Program |
| <input type="checkbox"/> Control of outdoor advertising | <input type="checkbox"/> Safe Routes to School Program |
| <input type="checkbox"/> Historic preservation of transportation facilities | |

Project Information

1. Project Description:

The Salmon Creek Avenue Multi-Use Pathway is a partnership project with Washington State University (WSUV), in which WSUV will provide a portion of the right of way needed for the project. The project will construct a new 1,800 foot long, detached, multi-use path on the north side of NE Salmon Creek Avenue from the WSUV Entrance to Pleasant Valley Park. This pathway is intended for pedestrians, bicyclist, joggers and hikers. This trail is meant for all to travel to and from WSUV, Pleasant Valley Park, Pleasant Valley Elementary-Middle Schools (via Pleasant Valley Park), shopping centers, medical facilities, and residential areas.

Salmon Creek Avenue is a 40 mph, curvy road with many speeding drivers, and no pathway, bike lane or pedestrian refuge in this area of the corridor. There is also little to no shoulder, and there are many trees and power poles to obstruct drivers' sight distance. The project is adding a 6-12 foot multi-use pathway, removing vegetation, and relocating power poles. Constructing the pathway will eliminate space conflicts between pedestrians/cyclists and vehicles and will improve driver and pedestrian visibility and safety.

Pervious asphalt or concrete will be used to construct much of the project. The pathway will be detached from the edge of pavement with grass/planting strips to aid stormwater treatment (limited by design constraints). The ornamental WSUV rail fence will be relocated and replaced in order to accommodate the multi-use pathway.

Other project features include:

- a pedestrian High-Intensity Activated crossWalk (HAWK) beacon, and
- a permanently delineated and illuminated crosswalk across Salmon Creek Avenue at the entrance to Pleasant Valley Park.

County Parks Department is currently designing a pedestrian bridge over Salmon Creek into Pleasant Valley Park to replace the existing, dilapidated private bridge. The Salmon Creek Avenue multi-use pathway will connect to the new Pleasant Valley Park bridge (and the park trails to the south) to the public sidewalk system at the WSUV entrance, closing an 1800 foot gap in pedestrian facilities.

The pedestrian HAWK beacon and crosswalk will meet current MUTCD and ADA standards to enhance pedestrian safety. The HAWK beacon will include ITS architecture to communicate with the vehicle detection system, directing vehicles to stop when the signal is activated. Loops or radar will be used several feet away from the crosswalk to alert the HAWK beacon of vehicular traffic, which allows a gap for safer vehicular stopping and pedestrian crossing. As part of the ITS system, the HAWK beacon will include pedestrian count and traffic speed/volume measuring devices. This crosswalk will also include LED luminaires to improve nighttime safety.

Project Information

2. Describe how the project will improve the public travel experience, and travel options, including the benefit to the community:

Salmon Creek Avenue is an old, substandard road with many speeders and a history of accidents. There are no bike lanes, pedestrian pathways or refuges along this section of the Salmon Creek Avenue corridor.

This project improves the public travel experience, travel options, and benefits the community by creating a safe pedestrian and cycling travel option where none exists today.

The existing pedestrian infrastructure will be extended to access multiple locations and services. Students and faculty from WSUV and Pleasant Valley Elementary-Middle Schools benefit from the new pathway, pedestrian HAWK beacon, and crosswalk because it helps them safely navigate to and from their schools. In addition, the project will benefit pedestrians, bicyclist, joggers, and hikers traveling to and from WSUV, Pleasant Valley Park, Pleasant Valley Schools, shopping centers, medical facilities, and residential areas. It will encourage non-vehicular travel and recreational walking in the WSUV, Pleasant Valley Park/Schools, and Salmon Creek areas.

These proposed improvements enhances the public travel experience, travel options, and benefits the community in three key ways:

- Building the 6-12 foot detached, multi-use pathway will improve pedestrian/cyclist safety.
- Installing a delineated crosswalk and HAWK beacon with ITS architecture will make the road safer for pedestrians/vehicular commuters, and will allow county engineers to adjust the signal operation to improve mobility in the corridor.
- Removing vegetation and relocating power poles will enhance roadway safety by improving sight distance and widening the clear zone.
- Installing luminaires will improve nighttime safety.

3. Describe how the project provides a connection between modes, or improves transportation choices, or connects to land use services such as job locations, a civic center, library, grocery market, playground, retail center, medical office, school, and other. (Include modes and list of specific land uses connect within 1/2 mile of project):

The multi-use pathway will connect large residential neighborhoods, schools, shopping areas, medical facilities, parks, sports fields, playgrounds, and links to other recreation trails such as the Pleasant Valley Park, WSUV and Salmon Creek Greenway Trails. This project will create a new transportation choice connected to multiple services and benefiting the community.

Connections within 1/2 mile:

- Washington State University Vancouver - contains open space, recreational trails, library, and day-care.
- Pleasant Valley Elementary School - includes sports fields and playgrounds.
- Pleasant Valley Middle School - includes sports fields and playgrounds.
- Pleasant Valley Park - contains open space, recreational trails, and multiple sports fields.
- Manor Care Health Center at NE 139th Street/29th Avenue - retirement center, skilled nursing and rehabilitation.
- C-Tran Bus Route #19 - Travels between WSUV, Salmon Creek Park and NE 99th Street Park and Ride while serving Highway 99 and Legacy Hospital/Vancouver Clinic medical zone.

Connections to sidewalks that lead to the following facilities:

- Various shopping centers and restaurants within the Salmon Creek Area.
- Medical & Clinician facilities -larger facilities include Kaiser Permanente, Legacy Medical Center, Vancouver Clinic.
- Salmon Creek Greenway Trail and Sports Fields.
- Greyhawk Park, Sherwood Urban Open Space, and HB Fuller Sports Complex.
- Salmon Creek Park and Ride - connecting to a large number of C-Tran routes.

This project helps provide a connection and completes a gap between transportation modes, improves transportation choices, and connects to healthcare, recreational, educational, and commercial services within the Salmon Creek Area. This new connection will serve as a significant benefit to the pedestrian infrastructure.

Project Information

4. Describe how the project relates to an adopted plan such as the GMA plan, modal plan, neighborhood plan or other planning process. (Include name of Plan and attach a copy of page from plan that including project by name):

NE Salmon Creek Avenue (WSUV Entrance to NE 50th Avenue) is listed on the Priority Array in the Adopted 2013-2018 Transportation Improvement Program. See www.clark.wa.gov/tip.

This project and the Salmon Creek Avenue connection is shown in the Vancouver-Clark Parks and Recreation Pleasant Valley Park Master Plan, adopted by the Clark County Board of Commissioners. See www.clarkparks.org/projects/pleasant.htm.

The Clark County 20-Year Comprehensive Growth Management Plan 2004-2024 was adopted September 2007 and contains many policies that guide urban form and efficient land use patterns. The most relevant goal is: Land use patterns and individual developments should be locally and functionally integrated to reduce sprawl, promote pedestrian and transit use and limit the need for automobile trips and to foster neighborhood and community identity. This project promotes pedestrian trips to support the Comprehensive Growth Management goal. See www.clark.wa.gov/planning/comp_plan/index.html.

In addition, in the Clark County Bicycle and Pedestrian Master Plan has a goal to develop a bicycle and pedestrian Network. The Salmon Creek Pathway Project is an identified shared roadway that will expand travel opportunities for transportation and recreation. See www.clark.wa.gov/planning/bikeandped/docs.html.

5. Describe to what extent the project will improve mobility for disadvantage populations, including elderly, disabled minority, and low income populations:

Green Haven Adult Family Home on NE 141st Street is within a 1/2 mile of the proposed Salmon Creek Avenue Pathway as is Manor Care Health Services on NE 139th Street, a leader in skilled nursing and rehabilitation. Residents and patients from both facilities can greatly benefit from this pathway.

The pathway will provide a safer environment for the elderly and disabled minorities to walk, bike or use wheelchairs. The new pathway will also provide access for low income populations to walk/cycle to key areas like schools, parks, shopping centers, bus stops, and medical facilities. Lacking a safe route now, pedestrians/cyclists are forced to compete with speeding motor vehicle traffic or travel far out of direction to reach their destination in the area.

This project will also provide opportunities for exercise and to keep people mobile, especially those with walking limitations. The pathway will be compliant with ADA standards to support walking aids such as wheelchairs, walkers and canes. Mobility is important for older and disabled people as well as people at any stage of life. All people, particularly the elderly and disabled minorities can benefit from mobility and regular exercise, which this pathway will encourage.

6. List affordable house complex and number of housing units that are within 1/2 mile of project:

At this time there are no affordable housing complexes within 1/2 mile of this section of Salmon Creek Avenue.

Project Information

7. Identify the safety issues addressed by project (collision data, lack of adequate safe crossing or access, lack of separated facility, high speed or volume, other):

Salmon Creek Avenue is a narrow, curvy road with substandard geometry. Although the speed limit is 40 mph, speeding is common which increases the danger for cyclists and pedestrians.

Within the project area the following safety issues will be addressed:

(1) Lack of safe places to cross to cross Salmon Creek Avenue between the WSUV Entrance and Pleasant Valley Park will be addressed by installing a pedestrian HAWK beacon and delineated crosswalk. (2) There are no sidewalks, paths or bike lanes on this stretch of Salmon Creek Avenue resulting in vehicle/pedestrian space conflicts. A sidewalk will be installed. (3) There are unsafe school and park access on both sides of the roadway due to the lack of shoulder or a separated pedestrian path. A sidewalk will be installed. (4) Many trees and power poles obstruct sight distance and the roadway clear zone is inadequate. Trees, power poles, and vegetation will be removed.

The current ADT of Salmon Creek Avenue at the WSUV Entrance is 2175 vpd. The current V/C ratio is 0.46. In the past five years, there were eight reported fixed object accidents on Salmon Creek Avenue between WSUV and Pleasant Valley Park entrance. Three of the eight collisions were injury accidents with four injuries total in those three accidents.

8. Describe how the project addresses the safety issues identified:

This new 6-12 foot, detached, multi-use pathway will improve safety by:

- Minimizing conflicts between pedestrians, cyclists and motor vehicles.
- Removing vegetation and relocating power poles to improve visibility, sight distance, and create a larger clear zone.

The HAWK pedestrian beacon protecting the delineated crosswalk from the north side of Salmon Creek Avenue to the entrance to Pleasant Valley Park will:

- Slow down and stop vehicles to allow pedestrians to safely cross Salmon Creek Avenue.
- Include LED luminaires to improve nighttime safety.

9. Readiness:

- Design at 70% or higher
- Right of way acquisition complete or not needed
- Environmental permits approved

Please explain:

WSUV is providing supplemental right-of-way to build this project.

Environmental permitting is anticipated to be a straight forward process (categorically excluded). The route has been reviewed by County environmental staff and no major environmental permitting issues have been identified.

Project Information

10. Describe how the local community and other agencies have been involved in the planning process for the project.

List any opposition to the project and how it was overcome:

There are two agencies that are currently involved. See support letter.

1) WSUV supports the pathway. They will be contributing right-of-way valued at \$45,000 to help with the project.

2) The Vancouver-Clark Parks and Recreation Department is designing a pedestrian bridge over Salmon Creek at the entrance into the Pleasant Valley Park. They will be working with the multi-use pathway design team to link the new bridge to the new signalized pedestrian crossing on Salmon Creek Avenue. See support letter.

11. Describe how the project improves public health and increase physical activity:

This project will provide opportunities for healthy, outdoor exercise for all ages. The pathway links to multiple sidewalks, trails, parks, sports fields, and open spaces. People will be able to walk, jog, run or cycle to the surrounding areas. In addition, pedestrians can use this pathway to reach stores and entertainment centers in the Salmon Creek Area.

12. Describe how the project includes design elements that contribute to quality of life:

Quality of life will be improved by providing an opportunity for people to travel by foot or bike to trails, parks, open spaces, shopping centers, medical facilities, and restaurants, thereby improving their quality of life. This new link between WSUV, Pleasant Valley Park, Pleasant Valley Schools via the park, and residences is a value because this trail offers convenience for recreation or simply walking safely to school without worrying about dodging automobiles on the narrow curvy road.

Project Information

13. List all funding partners contributing to the project:

Funding Source	Amount
CCPW	\$161,000
WSUV Right-of-Way (in kind value)	\$45,000

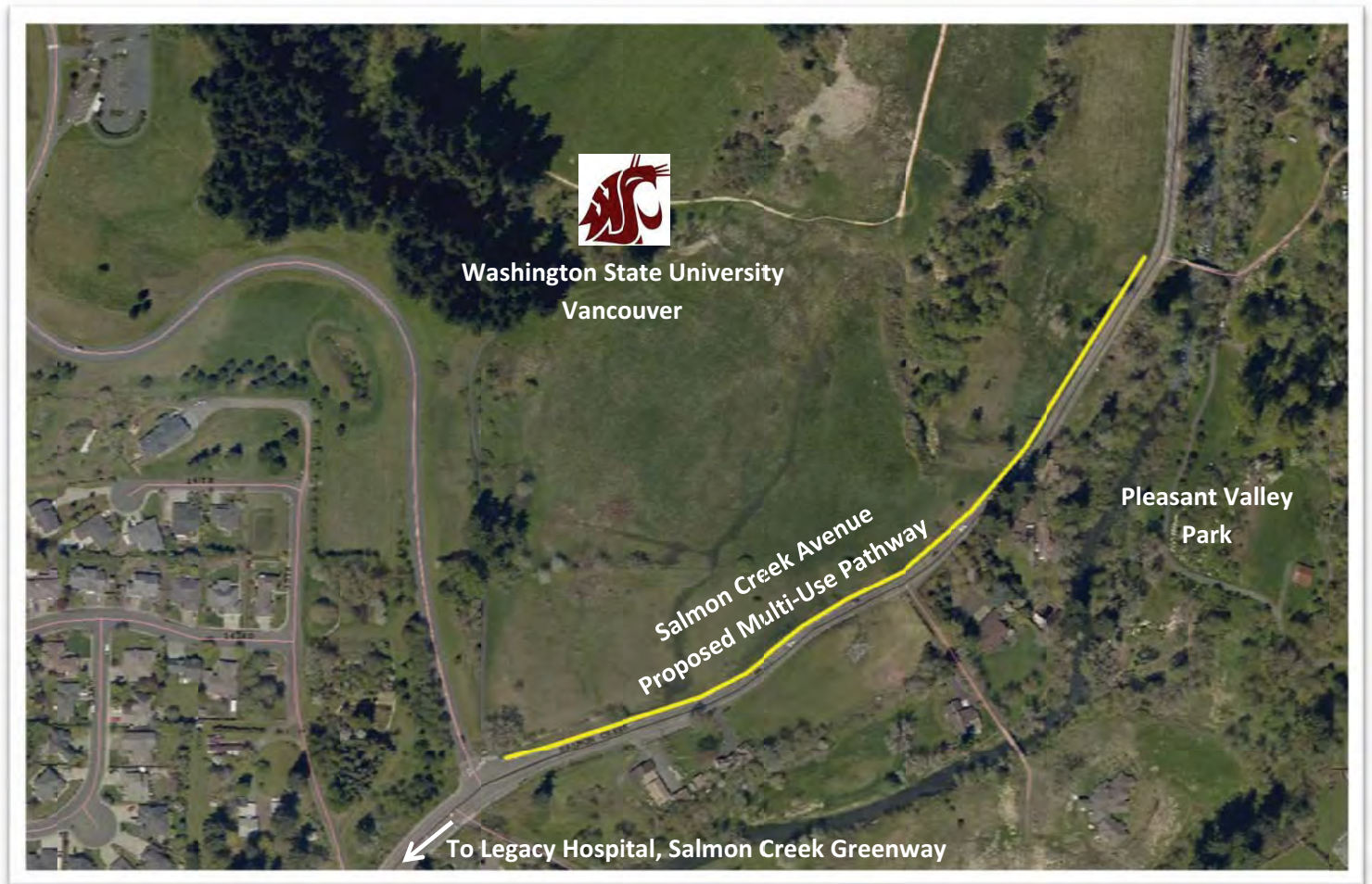
Other Information

You may use this space to provide any additional project information considered worth noting:



VICINITY MAP

Salmon Creek Avenue Multi-Use Pathway
Washington State University Entrance to Pleasant Valley Park Entrance

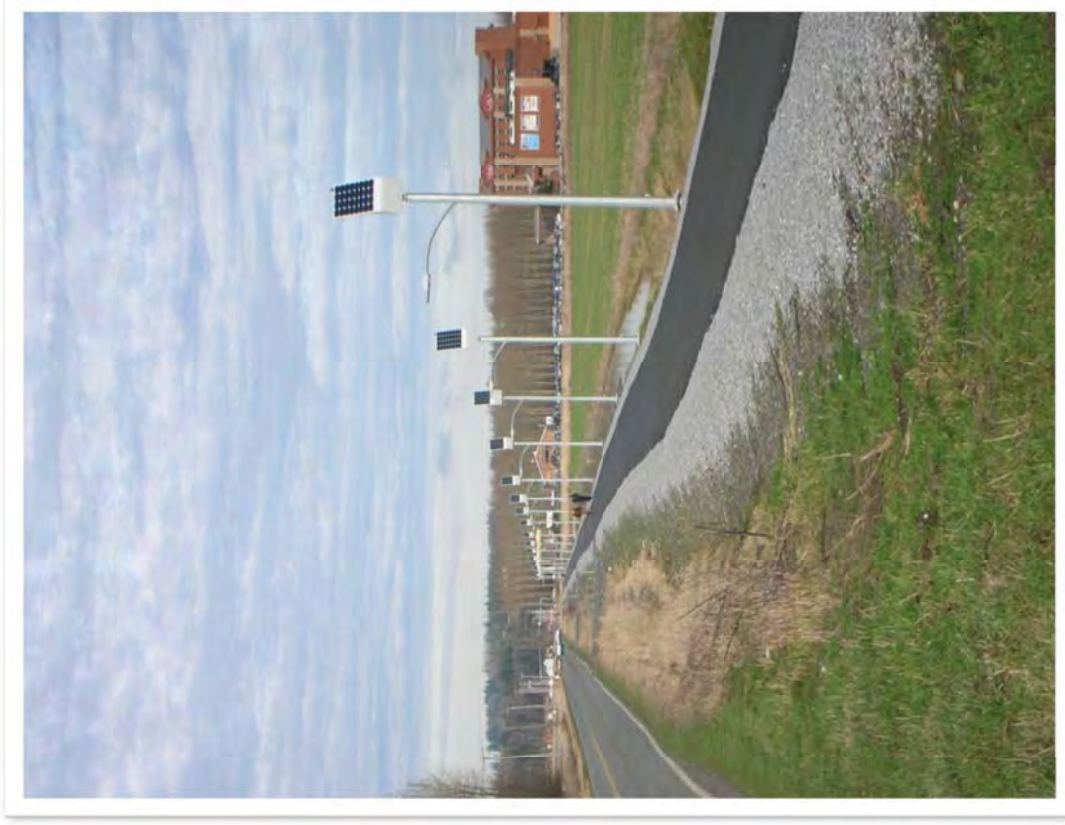


Current Conditions:



Salmon Creek Avenue Multi-Use Pathway
Washington State University Entrance to Pleasant Valley Park

Design Concept (Similar Trails):



Salmon Creek Avenue Multi-Use Pathway
Washington State University Entrance to Pleasant Valley Park

April 23, 2013

Bill Wright, P.E.
Transportation Programming Manager
Clark County Public Works
PO Box 9810
Vancouver, WA 98666-9810

RE: Salmon Creek Avenue Multi-Use Pathway
Transportation Alternatives Application

Dear Mr. Wright:

Washington State University Vancouver strongly supports Clark County's efforts to improve safety on Salmon Creek Avenue by development of a multi-use pathway alongside the University's frontage. The University will partner with Clark County by providing the land required abutting the roadway in order to construct a detached pathway to serve pedestrians, cyclists and runners.

Pleasant Valley Park and the WSUV pathway system are both attractive destinations on Salmon Creek Avenue. They are featured in a community walking guide that generates foot traffic not only for local citizens, but for others unfamiliar with the area and its potential hazards. The Park and University are now accessed from the narrow, unprotected roadway shoulder or by trespassing onto the sensitive areas of University property to avoid the heavy traffic on the County road.

This multi-use pathway will provide a truly safe and inviting route for the users of the park, the road and the WSUV pathway system.

Sincerely,



Lynn Valenter
Vice Chancellor

LV/jk

C: Mel Netzhammer, Chancellor
Dave Stephenson, Police Lieutenant
James Martin, Facilities Operations Director

VANCOUVER-CLARK
PARKS &
Recreation

April 23, 2013

Bill Wright, P.E.
Transportation Programming Manager
Clark County Public Works
PO Box 9810
Vancouver, WA 98666-9810

RE: Salmon Creek Avenue Multi-Use Pathway-Transportation Alternatives Application

Dear Mr. Wright,

The Vancouver-Clark Parks and Recreation Department is very supportive of Clark County's efforts to improve safety on Salmon Creek Avenue through the development of a multi-use pathway alongside the Washington State University's frontage. VCPRD is collaborating with the County on the design for the pedestrian bridge over Salmon Creek at the entrance into the Pleasant Valley Park. The bridge is scheduled to be completed by the end of 2014.

Our department will be working with the design team to link the new bridge to the new signalized pedestrian crossing on Salmon Creek Avenue as part of improvements to the regional Salmon Creek Trail. The shared path is in the adopted 2006 Regional Trail and Bikeway Systems Plan. Connecting pathways are supported in the regional trail plan to provide safe links to important destinations.

Pleasant Valley Park is an attractive destination on Salmon Creek Avenue. Increasing safe access is an important goal for continuing improvements along the Trail and into the community park. This multi-use pathway will provide a safer route for the users of the park, travelers on the road and users of the adjacent Washington State University at Vancouver pathway system.

Sincerely,



Ralph Dannenberg
Interim Director

We create community through people, parks, programs and partnerships.

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