

Project Title: #9 Ditch Trail Bridge (Construction)
Agency: City of Sumner

TCC TECHNICAL APPLICATION
2014
PIERCE COUNTY REGIONAL COUNCIL
REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
APPLICATION FORM TO REQUEST INCLUSION OF A PROJECT IN THE FFY 2015-2017 TIP

Supplementary information can be found in the Call for Projects. Incomplete or missing answers will be scored zero. Please respond to all unrelated questions with N/A.

APPLICANT INFORMATION

1. Please select an application type:

- Other
(Please answer Questions 1-23 and 55-63)
Potential score of 100
- Non-Motorized
(Please answer Questions 1-23 and 49-54)
Potential score of 100
- Preservation – Funding requests are limited to \$750,000 per agency
(Please answer Questions 1-23 and 38-48)
Potential score of 100
- Rural
(Please answer Questions 1-23 and 73-81)
Potential score of 100
- Transit
(Please answer Questions 1-23 and 64-72)
Potential score of 100
- Roadway application type not listed above
(Please answer Questions 1-23 and 24-37)
Potential score of 100

1a. Agency Contact Person

Name: Mike Dahlem Address: 1104 Maple St. Ste 260
Sumner, WA 98390
Title: City Engineer Telephone: 253-299-5702
Email: miked@ci.sumner.wa.us

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

2. **Improvement Type:** Please select ONE primary Improvement Type. Please indicate one Primary Improvement (PI) and any number of Secondary Improvements (SI).

ROADWAY			
	New Facility – Roadway		Bridge Replacement
	Relocation – Roadway		Multiple Intersections – Roadway
	Environmental Improvement – Roadway		Single Intersection – Roadway
	Major Widening – General Purpose		Safety – Roadway
	Major Widening – HOV		Grade Separation
	Minor Widening – No new capacity		Major Interchange – GP
	Minor Widening – New capacity		Major Interchange – HOV
	Preservation/Maintenance/Reconstruction		Minor Interchange – GP
	Resurfacing		Minor Interchange – HOV
	New Bridge or Bridge Widening		Other – Roadway
	Bridge Rehabilitation		
NONMOTORIZED			
	Sidewalk		Bike Lanes
X	Regional Trail (Separate Facility)		Other – Nonmotorized
	Non-Regional Trail (Separate Facility)		
OTHER			
	Transportation System Management		Transportation Demand Management
	Intelligent Transportation System		Other – Special
	Study or Planning activity		
TRANSIT			
	New/Relocated Transit Alignment		New ferry route
	Transit Center or Station – new or expansion		Service Expansion – Ferry
	Flyer Stop		New/Relocated/Expanded terminal
	Transit Center or Station – Maintenance		Terminal Preservation
	Park and Ride (new facility or expansion)		New/Replacement Vessels – Passenger Only
	Vehicle Expansion		New/Replacement Vessels – Car/Pass
	Vehicle Replacement		Vessel Preservation/Rehabilitation
	Operations – Transit		Operations – Ferry
	Service Expansion – Transit		Other – Ferry
	Other – Transit		

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

PROJECT LOCATION INFORMATION

(Roadway projects without a federal route number or a federal functional class may be ineligible for federal funds.)

3. **Project Location:** On Parcel #0420124066

From: North end of parcel To: South end of parcel

Or, other appropriate locating information: _____

Project Length: 150 (feet)

4. **Federal Route Number** N/A

5. **Federal Functional Class:** N/A see link
www.wsdot.wa.gov/Mapsdata/tools/functionalclass

5a. **Posted Speed Limit:** N/A

5b. **Average Daily Traffic Volume:** N/A

PROJECT DESCRIPTION

6. **Funding Request: What is the proposed funding source?** STP _____ CMAQ X

7. **Is this project included in a locally adopted plan or program?**
(This is a threshold requirement to compete in this funding process. Projects not shown in the applicants adopted local TIP or Transportation Element of its Comprehensive Plan are not eligible. Please provide a copy of the necessary documentation).

Yes X No _____

If yes, cite document, page(s) and adoption date: Sumner's 6-Year Transportation Improvement Program page 2 Project T-4 (see Appendix A)

8. **Brief Project Description - Include a 8 1/2 x 11 detailed vicinity map and a cross-section detail of the project, if applicable (100 words maximum):**

The No. 9 Ditch Trail Bridge completes a section of the Sumner Link Trail that is currently relying on a temporary fix, using an existing agricultural culvert to cross the existing storm drainage ditch No. 9. Constructing this bridge will provide a more permanent solution for pedestrians and bicyclists using the Sumner Link Trail and its adjoining regional trail system. The proposed bridge is 150 lf. The non-bridge portion of this trail section was constructed last summer with Recreation Conservation Office (RCO) funding left over from another section of the trail system.

Confirm word count (_____ words).

Project Title: #9 Ditch Trail Bridge (Construction)
Agency: City of Sumner

PROJECT TRACKING AND FUNDING

NOTE: Sponsors may request funding for any single phase of the project, but requests for multiple phases is limited to preliminary engineering plus the subsequent phase necessary. For instance, requests for multiple phases are limited to the combination of (1) preliminary engineering and right-of-way or (2) preliminary engineering and construction (no right-of-way and construction requests will be considered).

Required Match: A minimum of 13.5% of local matching funds is required for PSRC’s FHWA funding. The following formula may be used to calculate the projects match:

To calculate the amount of matching funds, divide the federal funds requested by .865 and subtract the federal funds from this amount.

Example: Federal funds requested = \$100,000

$$\begin{aligned} \$100,000 / .865 &= \$115,607 \\ \$115,607 - \$100,000 &= \$15,607 \text{ local match required} \end{aligned}$$

Please note: The combination of the requested PSRC funds plus all other funding must be adequate to fully fund that phase. Requests that do not result in a phase being fully funded cannot be approved into the regional TIP and therefore will be considered ineligible for PSRC funding.

10. Grant Funds Requested

Phase (e.g., Planning Study/Project,, Preliminary Engineering, Right of Way, Construction, Other)	Estimated Obligation Date (year only)	Federal Funds Requested
Construction	2015	\$261,109
		\$
		\$
		\$
		\$
		\$

IMPORTANT: Please select 2015, 2016 or 2017 for estimated obligation year. Per PSRC’s adopted project tracking policies, the deadline for obligating funds is June 1 of the selected obligation year. For more information, see: <http://www.psrc.org/transportation/tip/tracking>

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

11. Total Project Cost (\$430,010)

Guidance: To be programmed into the state Transportation Improvement Program, funds for the phase being requested must be secure or reasonably expected to be secure. Unsecured funds will not be considered. Please use the website following link to assist in completing the following table:

www.psrc.org/assets/7911/Definitions_SecuredandUnsecuredFunding.pdf

A Fund Source	B Secured, reasonably Expected, or Unsecured?	C Obligation Date (Yr Only)	D \$ Amount by Funding Source	Project Phase			
				E Planning	F Prelim. Eng/ Design	G Right-of-Way	H Construction / Implementation
Local	Secured	'13, '14 & '15	75,401		14,650	20,000	40,751
(name) Co-op Jurisdiction							
(name) Private Funds							
PSRC (CMAQ) Grant	Secured	2013			93,500		
Other							
Other							
Other							
Grant Request	Unsecured	2015					261,109
TOTAL					108,150	20,000	301,860

If unable to completely fill out Tables #10-12, please explain why: _____

11a. Provide additional information on any funds identified in the table above as reasonably expected to be secure. For example, identify the estimated approval date of funds for the project into the 6-year program; if pursuing a limited improvement district, bonding, or other local funding mechanism, when will that occur and what additional steps are required, etc. For more information on the definition of secured, reasonably expected, and unsecured funds, refer to:

<http://www.psrc.org/assets/11214/FinancialConstraintGuidance.pdf>

See Appendix D for a copy of our approved budget sheet. The budget sheet is our internal routing form used to appropriate the funds to a project. The budget sheet is initiated by the project manager, signed by the City Engineer, Public Works Director, Finance Manager and then by our City Administrator. As you can see in the appendix we have signatures by all approving authorities. This project is also identified in our 6-year TIP, see Appendix A.

Project Title: #9 Ditch Trail Bridge (Construction)
 Agency: City of Sumner

THE FOLLOWING RESPONSES WILL BE SCORED FOR PROJECT PRIORITIZATION.

PROJECT READINESS

12. Cooperating Jurisdictions and Private Sector Support, if any: Provide names of all jurisdictions and private parties, contributing funds would be applied, and the percentage of total project funds provided. The percentage shall be expressed based on the costs of the requested phases under the current application. Contributing funds for prior phases shall not be considered. Applicants that have been previously awarded grant funding for their project CANNOT use the grantor as a cooperating jurisdiction.

Letters of Commitment from all cooperating jurisdictions and private sector support must be attached to receive points: Yes No

Cooperating Jurisdiction	Phase	Dollar Amount of Participation	Percentage of Current Application
Total:			

- 5 % or more 3 points
- 3 to 4 % 2 points
- 1 or 2 % 1 point

COMMITTEE SCORE
(Max. score of 3)

Private Sector Support	Phase	Dollar Amount of Participation	Percentage of Current Application
Total:			

- 5 % or more of total project costs 3 points
- 3 to 4 % of total project costs 2 points
- 1 or 2 % of total project costs 1 point

COMMITTEE SCORE
(Max. score of 3)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

13. Has the jurisdiction secured/obligated state or federal funding for any of the projects below phases or has it completed a phase of the project using local funds only? (Please check all that apply)

Planning _____ 1 point P/E Design X 2 point

ROW _____ 2 point Construction _____ 2 point

(ROW is required to receive points)

If any are checked, name project title and Funding Agency ID#: CM-1270(001), PSRC (SUM-14)

Funding Source:

Funding Amount(s): PSRC (CMAQ) \$93,500

Name and completion date of Planning Study: N/A

COMMITTEE SCORE _____
(Max. score of 7)

14. Federal Functional Classification: Principal Minor Collector

Principal _____ 3 points

Minor _____ 2 points

Collector _____ 1 point

COMMITTEE SCORE _____
(Max. score of 3)

15. Will this project include additional ADA improvements that are not required by the 2013 City/County Design Standards (LAG Manual)? Example: Construction of a sidewalk that is wider than the minimum requirements.

Yes X 2 points

No _____ 0 points

If yes, what are they?

The bridge will be wider than minimum requirements.

COMMITTEE SCORE _____
(Max. score of 2)

16. Local Agency Over Match Incentive:

More than 30% of total project costs _____ 3 point

21% to 30% of total project costs _____ 2 point

15% to 20% of total project costs _____ 1 point

COMMITTEE SCORE _____
(Max. score of 3)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

17. Is the project or phase ready for implementation? (One point per box. Please check all that apply)

Obligate funds in 2015 (receives 2 points)	X	Environmental process complete* (must provide a signed ECS by FHWA or WSDOT H&LP)	
Obligates funds in 2016 (receives 1 point)		Funding requested here completes project or fully implements the project	X
ROW plans approved by WSDOT		Purchase of ROW certified or not required	

*Note: NEPA will NOT be finalized until the "next" project phase is funded in the STIP.

COMMITTEE SCORE _____
(Max. score of 6)

Please provide information on your project readiness to proceed:

Design Status (% complete): 10%

Project Phase	Status	Actual or Expected Completion Date
Preliminary Engineering	Not complete	7/31/2014
Environmental Approval	Not complete	6/2/2014
Right-of-Way Certification	Not complete	8/29/2014

If construction funds are being requested, please describe any ROW needs for the project, including the number of parcels needed, whether property owners are expected to cooperate (and your agency's experience with condemnation and/or whether it is willing to go to condemnation if needed).

Only one parcel is needed for construction of this project. The property owner is in support of the project and is expected to be cooperative in the purchase of his parcel. The City of Sumner is experienced with condemnation and will condemn if required.

17a. Will other secured or reasonably secured funding benefits be missed if the project remains unfunded in 2015, 2016 or 2017?

Yes _____ No X (Include information about other funding benefits.)

Please explain:

COMMITTEE SCORE _____
(Max. score of 1)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

18. **Pierce County Regional Growth Centers Hierarchy and Connecting Corridors criteria: Is the project located in (1-3) or serving (4-6) any of the following? (Please check all that apply).**

1. Metropolitan Center (scores 1 point)		4. Corridor Supporting one (1) or more Regional Manufacturing/Industrial or Candidate Center (scores 2 point)	X
2. Regional or Candidate Growth Center Manufacturing/Industrial or Candidate Center (scores 2 points)	X	5. Corridor Supporting one (1) or more Centers (scores 1 point)	X
3. Countywide Center or Locally Identified Center (see approved PCRC Map) (scores 1 point)		6. Corridor Supporting two (2) or more Centers (scores 1 point)	X

Local city and town centers provide local job, service, cultural, and housing areas for their communities. They serve as focal points where people come together for a variety of activities, including shopping and recreation. These central places must be identified in local comprehensive plans, or should be advancing towards that goal. These areas are to become priority areas for future investments and growth at the local level.

List and describe centers and attach map.

The project is located within the Sumner/Pacific MIC and supporting the Sumner/Pacific and the Auburn Local center. See appendix F. (Centers Map)

COMMITTEE SCORE _____
(Max. score of 8)

19. **Is the project on a transit route? (Transit routes that “intersect” are okay only when the project improves the intersection)**

Guidance: Sound Transit route information is available at <http://www.soundtransit.org/Schedules>
Pierce Transit route information is available at <http://www.piercetransit.org/pierce-transit-routes/>

Yes, full project length _____ 2 points
 Yes, partial or intersection _____ 1 point
 No X 0 points
 If yes, provide route number(s) _____

COMMITTEE SCORE _____
(Max. score of 2)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

20. What is the peak number of transit vehicles per hour within the project limits? (Transit routes that “intersect” are okay only when the project improves the intersection)

Guidance: Sound Transit route information is available at <http://www.soundtransit.org/Schedules>
 Pierce Transit route information is available at <http://www.piercetransit.org/pierce-transit-routes/>

Peak number of transit vehicles per hour N/A (see pages 26 and 27 of the call for projects)

4 or more transit vehicles 2 points
 1 to 3 transit vehicles 1 point

COMMITTEE SCORE
 (Max. score of 2)

21. Does this project specifically improve non-motorized access for trips to any of the following (check all that apply). Provide a map showing all checked items.

Transit locations (0-2 trips/day)		Schools		Household/Retail	X	Commercial Areas	X
Transit locations (0-5 trips/day)		Grocery Store		Parks and Recreation	X	Cultural Facilities (museums, libraries, etc.)	X
Transit locations (0-5+ trips/day)	X	Medical	X	Employment Centers	X	*Other	

1 point each item

*Please describe:

The trail itself is a linear Park, it also connects to an unimproved park at 16th Street and a park at the confluence of the White and Puyallup rivers (adjacent to our Wastewater Treatment Plant). In addition, it provides a safe “spine” of non-vehicular transit options for the people living in Lakeland Hills (Auburn) and the 10,000 people working in Sumner’s Industrial Area in the regional businesses such as Amazon, REI, and Keurig Green Mountain. It also parallels Highway 167 and the BNSF rail lines, providing a non-vehicular access connection to Sound Transit Sounder in Sumner and Auburn and regional bus routes like the Sound Transit 578. With connections like this improved, commuters will begin commuting all by bicycle or choosing a multi-modal commute, take the train one way and riding back the other.

The Sumner Link Trail also easily accesses cultural areas including the Sumner Pierce County Library and historic Downtown Sumner including Heritage Park, Medical and Dental facilities, Downtown Business District, and the Sumner Historical Society’s Ryan House Museum.

COMMITTEE SCORE
 (Max. score of 12)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

22. Does this project provide contiguous gap-closure to a previously funded transportation route?

(Gap closure projects may improve the facility to a standard equal to those sections on either end of the project. Gap closure project may provide a missing link of a facility that leads to a single connected facility. Gap closure projects are not limited to roadway sections and may include pedestrian paths, bicycle paths, trails, bridges, or any other transportation project which completes the system.)

- | | |
|--------------------|------------------------|
| Yes, Final Section | <u> X </u> 3 points |
| Yes, Next Section | <u> </u> 2 point |
| No | <u> </u> 0 points |

If yes, please name adjacent segments; provide their funding source, and completion date: _____

The trail section on the north side of the ditch was constructed in 2003 with Transportation Improvement Board (TIB) funds and the section of trail to the south was just constructed in the summer of 2013. A combination of funding from the State, from non-profit advocacy groups, developers and the City of Sumner has moved the Sumner Link Trail closer to completion in a much quicker timeline than originally envisioned. It makes projects like this become more important as the heavy demand will soon exceed the temporary crossing solution.

COMMITTEE SCORE _____
(Max. score of 3)

23. Describe how the project has the potential to reduce emissions?

Guidance: The application process will walk project sponsors through specific questions designed to determine the potential emissions reductions of their project. For example, projects involving fuel or vehicle conversions will be asked to provide information on the total number of vehicles affected, the current fuel and vehicle usage conditions, as well as the conditions after the project is implemented. Projects expected to result in an increase in transit usage will be asked to provide information on the current transit ridership and transit routes affected, as well as the specifics of the project – i.e., how will the individual project encourage or promote new transit riders. Projects providing new or more frequent/expanded transit service would be expected to result in a higher level of new transit riders than projects providing improvements in existing transit travel times or enhanced amenities to existing service. Projects resulting in improvements in traffic flow will be asked to provide information on the current travel conditions, amount of idling, number of trucks using the route, etc. As mentioned above, the magnitude of the project and the timing of the anticipated benefits will play a role in the final score, and all projects will be evaluated against each other.

Please explain:

Every morning and every afternoon, KOMO Radio leads off by describing the traffic jam on Highway 167 between Sumner and Auburn. For approximately six hours every day, the freeway becomes congested with thousands of cars. WSDOT reports that the 2013 Average Daily Traffic Volume for SR167 at 24th Street in Sumner is 90,000. The Sumner Link Trail offers a non-vehicular alternative that is likely faster and uses no emissions. Sumner is already seeing commuters use the existing trail with the temporary crossing at No. 9 ditch and a long-term bridge is necessary to keep this a viable commuting option.

High: A project will rate high if:

- It will substantially reduce emissions of greenhouse gases and other air pollutants, or will substantially reduce fine particulates from diesel exhaust; and
- The air quality benefits will occur by 2020.

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

Medium: A project will rate medium if:

- It will moderately reduce emissions of greenhouse gases and other air pollutants, or will moderately reduce fine particulates from diesel exhaust (for example, a project that reduces VMT by shortening a vehicle trip, rather than eliminating a vehicle trip); and
- The air quality benefits will occur by 2025.

Low: A project will rate low if:

- It results in a low amount of emissions reductions; and
- The air quality benefits will occur after 2025.

High = _____ 5 points
 Medium = _____ 3 points
 Low = _____ 2 points
 0 = _____ 0 points

COMMITTEE SCORE _____
 (Max. score of 5)

NON-MOTORIZED APPLICATION

49. Are the environmental/water quality improvements greater than the minimum requirements? Please describe.

Sumner intends to build this bridge with open-grate decking to allow rain to fall through the structure. Trail abutments on either end will be constructed with pervious pavement.

Projects that incorporate Green Stormwater Infrastructure (rain gardens, bioretention, porous pavements, etc.) AND retain 100% of stormwater on site. X 3 points

Projects that add more than 5,000 square feet of new impervious surface and provide water quality/quantity treatment for ALL (new and existing) impervious surfaces within the project area. _____ 2 points

Projects that add less than 5,000 square feet of new impervious surface and that provide water quality and quantity treatment OR provides water quality treatment for 150% of new impervious surfaces. _____ 1 point

COMMITTEE SCORE _____
 (Max. score of 3)

50. Does this non-motorized project include a vertical grade separation or removes modal conflict at grade?

Yes, vertical grade separation _____ 5 points
 Yes, removes modal conflicts at grade X 3 points
 No _____ 0 points

Please explain:

The current path of the trail goes over an existing culvert crossing that is also utilized by farming equipment. This bridge would eliminate the need to use the culvert crossing by pedestrians and it also straightens out the alignment of the trail.

COMMITTEE SCORE _____
 (Max. score of 5)

Project Title: #9 Ditch Trail Bridge (Construction)
Agency: City of Sumner

51. Does this project provide facilities for pedestrians and bicycles? (Check all that apply.)

- Provision of facilities for pedestrians 2 points
- Provision of facilities for bicycles 2 points
- Provision of facilities for bicycles and Pedestrians 1 point

COMMITTEE SCORE _____
(Max. score of 5)

52. Does the project include other non-motorized transportation system components?

Guidance: The description of the "other" selection will be scored within a range of 0 to 3 points.

- Pedestrian Amenities (benches, trash cans) 2 points
- Bicycle Amenities (bike racks, signage) 3 points
- Crosswalk Signalization/Flashing Beacon _____ 4 points
- Lighting _____ 3 points
- Transit Connection 3 points
- Other _____ 0-3 points

Describe:

The project will install a bench and trash can, way finding signage and by finishing the missing gap the trail will have a direct connection to the Sumner Sound Transit station.

COMMITTEE SCORE _____
(Max. score of 18)

53. In the last five years, have there been any pedestrian or bicycle accidents that could have been prevented with this project?

- Yes _____ 5 points
- No 0 points

Providing supporting data (accident data, police reports etc.) is a requirement of earning points.
Please identify the accident history:

COMMITTEE SCORE _____
(Max. score of 5)

Project Title: #9 Ditch Trail Bridge (Construction)

Agency: City of Sumner

54. Does this project add a new illumination system?

Yes, full project corridor length 4 points

Yes, partial project corridor length 3 points

Yes, at an intersection only 2 points

No 0 points

COMMITTEE SCORE _____
(Max. score of 4)

TOTAL SCORE FOR ALL SECTIONS _____

JURISDICTION APPROVAL.

I, the undersigned, affirm to the best of my knowledge:

MD (initial) The project information contained within this application is accurate.

MD (initial) The project is programmed and matching funds are available.

MD (initial) Agency acknowledges it must apply for listing in Regional TIP before June 1 of the selected obligation year.

BY: 
Approving Authority

TITLE: CITY ENGINEER

DATE: 4-30-14