



2015-17 Small Projects Recruitment Form

Chehalis River Basin Flood Relief

What are small projects? -- In general, small projects are those projects that provide predominantly localized benefit, are capable of being completed within the funding cycle, are supported by the jurisdiction within which the project is proposed, and are vetted and advanced through the Chehalis River Basin Flood Authority's Chehalis Basin Projects Committee.

Instructions:

- a. Please submit project requests (via this form) to Scott Boettcher (scottb@sbgh-partners.com) no later than 5:00 p.m. September 10, 2014.
- b. Please submit individual project request forms for each project in your jurisdiction, even those projects previously or partially funded in the past.
- c. Note: Parts III and IV below [marked by "(**)"] will be scored as part of the Chehalis Basin Projects Committee's review and evaluation. Part I and II will not be scored.

Part I General	
1. Date:	September 5, 2014
2. Project Name:	Dillenbaugh Creek Realignment
3. Project Location -- Please identify the location of the project as precisely as possible, preferable with latitude/longitude coordinates.	The Dillenbaugh flows from the City's UGA south of the City and heads west under Interstate 5 before turning north and paralleling Interstate 5, along the East boundary of Stan Hedwall Park then back under Interstate 5 between Exit 76 and 77 heading NE then back under Interstate 5 at Exit 77 heading NW until reaching the Chehalis River North of SR6
4. Project Contact -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	Dennis Osborn Community Development Director City of Chehalis 360-345-2227 dosborn@ci.chehalis.wa.us
5. Lead Organization -- Please identify the lead organization, agency, entity, etc. responsible for this project.	City of Chehalis (WSDOT)



Part II	
Description, Timing and Cost	
6. Project Description -- Please describe the project, what it is intended to accomplish, and the benefits that will accrue and to whom.	Project is to excavate a meandering channel as necessary to divert the flow of Dillenbaugh Creek from its undercrossing at Rice Road through Stan Hedwall Park to a confluence with Newaukum River within the Park. Presently the channel meanders under Interstate 5 three times. The project concept is to create significant habitat enhancement for both the involved Newaukum and Dillenbaugh reaches and convey flood flows through the Park rather than through the southwest portions of Chehalis and the I-5 freeway. Project is intended to prevent flood damage by diverting flood flows of the Dillenbaugh and to some extent, the Newaukum, around currently affected areas of southwest Chehalis and the freeway. There are approximately 74 residential structures and 13 businesses (cursory map count – subject to detailed study), as well as the freeway itself that are affected by flood flows in this reach of the Dillenbaugh. Project also has introduced a small berm along the west side to act as a spectator seating area for the soccer field and possibly to help keep Dillenbaugh and Newaukum flooding from scouring the park. Other benefits of this project include significant habitat enhancement for fish migration and spawning, opportunities for public access points in the Park, creation of ponding areas for waterfowl, and significant reduction of the cost of construction when the I-5 freeway is widened in the future.
7. Project Timeline -- Please describe the overall timeline for completion of the project as well any interim stages or phases.	2016-2017, design permitting and realignment
8. Project Cost and Funding -- What is the cost of this project? What are the on-going maintenance and operation requirements? Is it clear who will be responsible for on-going maintenance and operations costs?	\$500,000 (Hydraulic/hydrology analysis, preliminary design, alternatives analysis, costing, final design, permitting, and construction). 2016 Next Stage Cost -- \$500,000 (Hydraulic/hydrology analysis, preliminary design and costing, permitting, final engineering and construction).
9. Other Funding -- Please explain the extent to which other funding sources or funding partners are available.	Possibly DOT support as part of I-5 protection funding
Part III (**)	
Completion and Doability by June 30, 2017	
10. Project Completion -- Does the funding requested complete (or substantially	No



complete) a project that has already been started? If so, please explain.	
11. Project Doable -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2017?	Yes
12. Project Impacts -- Please identify how any project impacts will be mitigated and if that mitigation will be accomplished by June 30, 2017?	<p>PROJECT BENEFITS AND POTENTIAL NEGATIVE IMPACTS</p> <ul style="list-style-type: none"> • Alleviates flooding along I-5 and through southwest Chehalis • Habitat enhancement in new channel • Could potentially have negative impacts downstream, on west side of I-5 <p>PROJECT CONSTRAINTS</p> <ul style="list-style-type: none"> • Coordination with WSDOT Alternative 1 and the City of Chehalis would be necessary • Coordinating with Rail entities and Private property owners • Wetland located downstream on Dillenbaugh Creek • Acquisition of private parcels or flood easements necessary • Fish passage in in the new channel • Interior drainage concerns in City of Chehalis and Stan Hedwall Park
<p align="center">Part IV (**) Benefits Stated and Quantified</p>	
13. Emergency Response -- Please explain how this project enhances our ability to respond in a flood emergency (e.g., does it keep critical access roads, transportation facilities, etc. open and functional.)	This would help alleviate flooding along the Interstate 5 corridor in Chehalis
14. Essential Infrastructure Protection -- Please explain how this project protects essential infrastructure (as well the risks or consequences of not acting this funding cycle).	Interstate 5 flooding. Failure to deal with this can cause 1% to flood during another significant event.
15. Public Health, Safety and Welfare -- Please explain how this project protects public health, safety and welfare.	The realignment would reduce flooding impacts along Interstate 5 and business and residential property owners in the City of Chehalis
16. Residential, Commercial and/or Agricultural Protection -- Please explain how this project protects residential, commercial and/or agricultural interests and communities and the benefits of acting (or consequences of not	The realignment would reduce flooding impacts along Interstate 5 and +/-13 business and +/- 74residential property owners in the City of Chehalis. In particular the impacts along Interstate 5 is not only a local economic issue but, when Interstate 5 is closed due to flooding it becomes a state, interstate and for freight



acting) this funding cycle. Consider factors like number of structures at risk, number of people at risk, historic frequency of flood damage, magnitude of benefit to be gained for the cost, etc.).	going to Canada and Mexico an international economic impact.
17. Other Project Impacts -- Please explain how this project impacts or is potentially impacted by another project.	This project is tied to the Interstate 5 protection projects
18. Anything Else -- Please feel free to offer any additional information (e.g., photos, maps, drawings, etc.) that would be helpful to better understand the scope, timeline and benefits of this project.	