

## Scott Boettcher

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**From:** Rob Wilson <RWilson@co.grays-harbor.wa.us>  
**Sent:** Wednesday, September 14, 2016 4:32 PM  
**To:** 'Scott Boettcher'  
**Subject:** FINAL Project Recruitment Form -- Wishkah Flood Wall Construction Funds  
**Attachments:** FINAL Project Recruitment Form -- Wishkah Flood Wall Construction Funds.docx

Scott,

Attached is the recruitment form for the additional funds needed for the Wishkah Flood Wall project. Let me know if you need any additional information. I can try to track down some attachments that might be helpful.

Thanks,

Robert Wilson, PE  
Grays Harbor County Public Works  
Asst. County Engineer  
360-249-4222



## 2017-19 Local Projects Recruitment Form

### Chehalis Basin Flood Relief

**A. What are local flood relief projects?** -- In general, local projects are those projects that provide predominantly localized and quantifiable 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 a public entity like a City, County, Conservation District, Agency, etc. Furthermore, local projects are envisioned as helping with flooding, not adverse to fish or habitat and (where possible) providers of multiple, quantifiable benefits.

**B. What kinds of local flood relief projects are likely to be logical funding candidates for 2017-19?**

- Projects that complete an effort previously funded/started.
- Projects that advance improved emergency response.
- Projects that advance improved public infrastructure protection.
- Projects that advance improvements in local or community flood hazard reduction, including local flood proofing projects (e.g., elevations, buy-outs, foundation venting/opening, etc.).
- Projects that advance Conservation District initiated flood hazard reduction (e.g., farm pads, evacuation routes, bank erosion/bank stabilization, etc.)
- Projects that demonstrate innovation (e.g., thinking beyond traditional bank stabilization techniques in favor of natural system designs), partnerships, cost-sharing/leveraging resources, multiple benefits, and proactive vetting with agencies and tribes.
- Projects typically not in excess of \$3M for the stage/phase being funded.

**C. Are there projects that would not be good candidates?**

- Projects that seek to utilize State Capitol Budget dollars for uses not typically allowed (e.g., maintenance and repair work, cost-sharing under select circumstances, etc.).
- Projects likely to increase potential for flood damage upstream or downstream.
- Projects with unmitigable adverse environmental impacts or significant uncertainty regarding potential environmental impacts.
- Projects not sponsored by a public entity.

### Instructions:

- Please submit local flood relief project requests (via this form) to Scott Boettcher ([scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com)) no later than 5:00 p.m., Friday, August 12, 2016.
- Please submit one request form for each project proposed, even those past projects previously or partially funded.
- Note: Parts III and IV below [marked by "(\*\*)"] will be scored as part of the Flood Authority Projects Committee's review and evaluation. Part I and II will not be scored.



Part I General	
1. <b>Date:</b>	9/13/16
2. <b>Project Name:</b>	Wishkah Road Flood Levee
3. <b>Project Location</b> -- Please identify the location of the project as precisely as possible, including providing decimal degree latitude/longitude coordinates.	Wishkah Road M.P. 2.2 to M.P. 2.7 Coordinates: Begin Project: Lat. 47.002251, Long. 123.813343 End Project: Lat. 47.008829, Long. 123.813126
4. <b>Project Contact</b> -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	Robert Wilson, Asst. County Engineer Grays Harbor County Public Works 100 W. Broadway, Suite 31 Montesano, WA 98563 360-964-1663 <a href="mailto:rwilson@co.grays-harbor.wa.us">rwilson@co.grays-harbor.wa.us</a>
5. <b>Lead Organization</b> -- Please identify the lead organization, agency, entity, etc. responsible for this project. Please identify key partners responsible for assisting in the delivery or implementation of the project.	Grays Harbor County Public Works Design Consultant: KPFF Consulting Engineers

Part II Description, Timing and Cost	
6. <b>Project Description</b> -- Please describe the project, what is intended to be accomplished, the benefits to be accrued, and to whom.	Construct a sheet pile wall along Wishkah Road as designed by KPFF as part of the previously selected project of the same name. The sheet pile wall will protect the county roadway and residents in the area from flooding caused by high flows in the Wishkah River and high tides in Grays Harbor.
7. <b>Project Timeline</b> -- Please describe the overall timeline for completion of the project as well any interim stages or phases.	Our consultant has completed the 30% design as is working towards 60% design. Design is on track for construction in 2017. Depending on permitting however, construction could be pushed to 2018.
8. <b>Project Cost and Funding</b> -- What is the cost of this project? What are the on-going maintenance and operation requirements and costs? Is it clear who will be responsible for covering on-going maintenance and operation costs?	The overall project cost, including design, is \$5,800,000. \$650,000 for the design and purchase of property has already been awarded along with \$3,800,000 for construction. Therefore, the additional funds needed for completion are \$1,350,000. Grays Harbor County will be responsible for



	<p>maintenance of the project after completion. On-going costs main include maintenance of a pump if required and normal maintenance of the wall and area between the wall and the county road.</p>
9. <b>Other Funding</b> -- Please explain the extent to which other funding sources or funding partners are available.	There are no other funding sources.

<b>Part III (**)</b> <b>Completion and Doability by June 30, 2019</b>	
10. <b>Project Completion</b> -- Does the funding requested complete (or substantially complete) a project that has already been started? If so, please explain.	<p>Yes, design funding has been secured for design of the project and design is currently 30% complete. \$3,800,000 have also been secured for the construction phase, however, this falls short of the funds needed to complete the construction phase.</p>
11. <b>Project Doable</b> -- Can this project or the stage/phase for which funding is sought be completed by June 30, 2019? Please describe any circumstances with potential to impact the project's doability or timeline (e.g., permitting or regulatory unknowns, lack of availability of other cost-share funding resources, etc.). Please describe any advance coordination or vetting with agencies, tribes, other entities, etc. and the outcomes of that effort.	<p>Yes. Obtaining a Corps of Engineers permit may be an issue but that should only push this project out to 2018 construction instead of 2017 as planned. Our consultant has already met with WDFW and the Dept. of Ecology and are working to resolve any concerns those departments might have.</p>
12. <b>Project Impacts</b> -- Please identify how any project impacts will be mitigated, funded and if that mitigation will be accomplished by June 30, 2019?	<p>The project will impact some wetlands alongside Wishkah Road. Mitigation will take place by returning a parcel to its original condition. The funds that we are asking for will cover the mitigation costs. Mitigation will occur concurrently with the construction of the flood wall.</p>

<b>Part IV (**)</b> <b>Benefits Stated and Quantified</b>	
13. <b>Emergency Response Benefits</b> -- Please describe (and quantify) how this project enhances emergency response in a flood emergency (e.g., does it keep critical access roads and transportation facilities open and functional, does it enable easy movement of cattle, equipment and farm chemicals	<p>This project is designed to keep all flood waters away from Wishkah Road, allowing it to be opened year round with no closures due to high flood waters or high tides.</p>



out of harm's way, etc.).	
14. <b>Essential Infrastructure Protection Benefits --</b> Please describe (and quantify) how this project protects essential infrastructure and the risks or consequences of not acting this funding cycle.	This project will protect Wishkah Road from flood waters which can be damaging to the roadway structural section.
15. <b>Public Health, Safety and Welfare Benefits --</b> Please describe (and quantify) how this project protects public health, safety and welfare.	Public safety is always a concern during flood events. The flood wall will prevent flood waters from going over Wishkah Road. Although roads are closed during flood events, the public will still try to drive through flooded roadways putting themselves at risk of harm.
16. <b>Residential, Commercial and/or Agricultural Protection Benefits --</b> Please describe (and quantify) how this project protects residential, commercial and/or agricultural interests and communities and the benefits of acting (or consequences of not 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.).	There are at least 9 homes that are affected by floodwaters from the Wishkah River. Homes and outbuildings have been damaged by the floodwaters. One homeowners has already spent the money to raise his home twice but is still dealing with damage to his property. Total damage to homes in the area has not been quantified.
17. <b>Other Project Impacts --</b> Please explain how this project impacts or is potentially impacted by another project.	Grays Harbor County has received funding from the flood authority for the Wishkah Comprehensive Flood Study which is looking at potential flood reduction projects upriver of the flood wall project. These projects work together in an effort to reduce or eliminate all flooding impacts along the Wishkah Road corridor allowing safe travel to the upper portions of the road.
18. <b>Anything Else --</b> Please feel free to offer any additional information (e.g., photos, maps, video, drawings, etc.) that would help to better understand the scope, timing and benefits of this project.	



## Appendix A

<b>Process/Schedule</b> (current as of 7-22-2017)	
July 21, 2016 (FA In-Person Mtg.)	<ul style="list-style-type: none"> <li>Post and distribute <b>local projects recruitment</b> request on 7/22/2016 following Flood Authority review/discussion at their 7/21/2016 meeting.</li> <li>Allow three weeks for project proposals/submittals (i.e., due no later than 5:00 p.m., Friday, August 12, 2016).</li> </ul>
August 18, 2016 (FA Conf. Call Mtg.)	<ul style="list-style-type: none"> <li>Receive proposals/submittals.</li> <li><b>Update Flood Authority</b> at their 8/18/2016 meeting on number received, type of projects received, distribution, etc.</li> </ul>
September 15, 2016 (FA In-Person Mtg.)	<ul style="list-style-type: none"> <li><b>Update Flood Authority</b> at their 9/15/2016 meeting on status of Projects Committee's effort to review, rank, discuss with Tribes, discuss with agencies, preliminarily sort and rank, etc.</li> </ul>
October 20, 2016 (FA In-Person Mtg.)	<ul style="list-style-type: none"> <li>Review/discuss <b>DRAFT ranked and prioritized list</b> with Flood Authority at their 10/20/2016 meeting.</li> </ul>
November 17, 2016 (FA Conf. Call Mtg.)	<ul style="list-style-type: none"> <li>Seek Flood Authority approval of <b>FINAL ranked and prioritized list</b> at their 11/17/2016 Flood Authority meeting.</li> </ul>