

Scott Boettcher

From: sashley@cityofnapavine.com
Sent: Monday, September 12, 2016 2:21 PM
To: Scott Boettcher
Cc: Dodd, Cris
Subject: Re: Another Item -- 2017-19
Attachments: FINAL Local Flood Relief Project Recruitment Form -- 07222016.docx

Thanks Scott

Here is the Local project recruitment form for Napavines storm water project.

Steve

-----Original Message-----

From: Scott Boettcher [mailto:scottb@sbgh-partners.com]
Sent: Monday, September 12, 2016 12:28 PM
To: sashley@cityofnapavine.com
Cc: "Jenifer Slep", "Dodd, Cris", "Jon Hinton", nlockett@g-o.com
Subject: RE: Another Item -- 2017-19

I think it makes sense to submit a proposal (even as a placeholder). You should I?d think have a sense of what looks promising and what doesn?t. We?d hate to miss a funding cycle. I?m off to meet. Back at noon if you?d like to talk.
Scott

From: sashley@cityofnapavine.com [mailto:sashley@cityofnapavine.com]
Sent: Monday, September 12, 2016 9:12 AM
To: Scott Boettcher <scottb@sbgh-partners.com>; sashley@cityofnapavine.com
Cc: 'Jenifer Slep' <jslep@cityofnapavine.com>; 'Dodd, Cris' <cdodd@cityofnapavine.com>; Jon Hinton <jhinton@g-o.com>; nlockett@g-o.com
Subject: Re: Another Item -- 2017-19

Sorry Scott we were waiting on a final draft of the flood study before we applied for any funding. If there is still time and it is allowable we can fill out an application for funding for funds to construct on the possible Improvements that would be needed for are exit 72 project. Not sure if that will work since we are not completely sure of all the improvements and sizing as of yet. We are getting close though.

Your suggestions Please

Steve

-----Original Message-----

From: Scott Boettcher [mailto:scottb@sbgh-partners.com]
Sent: Monday, September 12, 2016 11:37 AM
To: sashley@cityofnapavine.com

Cc: "Jenifer Slep", "Dodd, Cris"
Subject: Another Item -- 2017-19

Steve ? We did not receive a proposal for a 2017-19 project from Napavine per the attached Pat Anderson email. Flood Authority Projects Committee though you might have submitted a project proposal as a next step to your study. Could you give me an update on this. Thanks.
Scott

From: Scott Boettcher [<mailto:scottb@sbgh-partners.com>]
Sent: Tuesday, September 6, 2016 8:19 AM
To: 'sashley@cityofnapavine.com' <sashley@cityofnapavine.com>
Cc: 'Jenifer Slep' <jslep@cityofnapavine.com>; 'Dodd, Cris' <cdodd@cityofnapavine.com>
Subject: Project Updates for 9/15/2016 Flood Authority Meeting?

Steve:

The Flood Authority next meets 9/15/2016. Can you please review your project information here on the EZview website and provide me with any project updates (e.g., schedule changes, new documents, new photos, project status updates, etc.) -- https://www.ezview.wa.gov/site/alias_1933/overview/36689/overview.aspx.

Thanks Steve! Look forward to hearing from you soon.

Scott
360/480-6600
scottb@sbgh-partners.com



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) 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. Date:	September 12, 2016
2. Project Name:	Kirkland Road Drainage Improvements Construction
3. Project Location -- Please identify the location of the project as precisely as possible, including providing decimal degree latitude/longitude coordinates.	The project is located in the City of Napavine on Kirkland road and rush Road between the City limits on the east and the intersection of Hamilton Road on the west. 46°36'19.91"N 122°54'23.91"W
4. Project Contact -- Please identify who will be responsible for overseeing and managing the project (i.e., name, email, telephone number, etc.).	Steve Ashley, Community Development Director City of Napavine (360) 262-9344 sashley@cityofnapavine.com Cris Dodd, Community Development Administrative Assistant City of Napavine (360) 262-9344 cdodd@cityofnapavine.com
5. Lead Organization -- 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.	City of Napavine – lead agency, SEPA official, funding management

Part II Description, Timing and Cost	
6. Project Description -- Please describe the project, what is intended to be accomplished, the benefits to be accrued, and to whom.	Drainage facilities in the project area include culverts and ditches that in many cases are not adequately sized to carry the volume of stormwater generated during a 100-year storm event and the drainage on the east side of I-5 is not connected to the point of discharge on the west side of I-5. The lack of adequate drainage facilities and the ability to move water from the east side of I-5 to the west side of I-5 for discharge to the natural flow path contributes to flooding on the east side of I-5. Flooding of the project area from overtopping of the Newaukum



	<p>River banks immediately east of the project areas has also occurred. Due to the lack of adequate drainage facilities the flood water from the river is not able to be conveyed out of the area and directed to the natural flow path on the west side of I-5.</p> <p>The properties affected by the inadequate drainage include commercial properties, a church and the I-5 northbound exit and entrance ramps. The commercial properties on the east side of I-5 at Kirkland Road comprise a major retail area for the City of Napavine.</p>
<p>7. Project Timeline -- Please describe the overall timeline for completion of the project as well any interim stages or phases.</p>	<p>The preliminary project design and environmental documentation is expected to be completed in the spring of 2017. Construction documents will be completed by early 2018. Construction is expected to be started in spring 2018 and completed by the fall of 2018.</p>
<p>8. Project Cost and Funding -- 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?</p>	<p>Preliminary Engineering/Environmental - \$40,000 Design and Easement Negotiation - \$40,000 Permanent and Temporary Easements - \$40,000 Construction - \$440,000 Construction Management/Inspection - \$35,000 TOTAL (Planning and Construction): \$595,000</p> <p>Maintenance: \$5,000/year</p> <p>Project planning, preliminary design and environmental documentation is currently funded by a \$40,000 grant from Washington State Recreation and Conservation Office.</p> <p>The City is seeking funding for the construction related costs (total \$555,000).</p> <p>On-going maintenance will include ditch and culvert cleaning and maintenance (3 times/year). Maintenance will be performed by City crews.</p>
<p>9. Other Funding -- Please explain the extent to which other funding sources or funding partners are available.</p>	<p>Project planning, preliminary design and environmental documentation is currently funded by a \$40,000 grant from Washington State Recreation and Conservation Office.</p>



Part III (**) Completion and Doability by June 30, 2019	
10. Project Completion -- Does the funding requested complete (or substantially complete) a project that has already been started? If so, please explain.	Yes, the funding requested will provide for the design and construction of drainage improvements which have been identified in the planning, preliminary design and environmental documentation work that is currently underway.
11. Project Doable -- 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, the design and construction of the project is anticipated to be completed by fall 2018.</p> <p>The project includes extending a culvert under the northbound I-5 exit ramp and enlarging the existing 18" culvert under the southbound entrance ramp from Rush Road. Negotiations have not been initiated with WSDOT regarding the feasibility of constructing the ramps via open-cut methods.</p> <p>It is anticipated give the lead time to project construction that archeological and environmental issues of replacing/installing culverts and drainage ditches will be able to be resolved prior to the planned construction start date.</p>
12. Project Impacts -- Please identify how any project impacts will be mitigated, funded and if that mitigation will be accomplished by June 30, 2019?	<p>The most significant anticipated project impact is to the entrance and exit ramps to I-5. The impact to the ramps during installation of culverts is anticipated to be of short duration, approximately 1 week. Mitigation of these impacts could be accomplished by short-term detours and, if necessary nighttime work.</p> <p>Short-term impacts to access due to construction to businesses in the Kirkland Road area will be mitigated by maintaining one-lane flagged traffic and access to businesses during construction.</p>

Part IV (**) Benefits Stated and Quantified	
13. Emergency Response Benefits -- 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	The project will improve drainage and prevent flooding in the Kirkland Road/Rush Road, and the exit and entrance ramps to I-5 off of Rush Road. The improvements completed as a result of this project will enhance the ability of emergency response to the immediate vicinity as



<p>movement of cattle, equipment and farm chemicals out of harm's way, etc.).</p>	<p>well as the City of Napavine and surrounding area by improving movement from and to I-5 during emergency situations.</p>
<p>14. Essential Infrastructure Protection Benefits -- Please describe (and quantify) how this project protects essential infrastructure and the risks or consequences of not acting this funding cycle.</p>	<p>The completion of this project will eliminate the erosion of roadway shoulders and the unearthing of water and sewer infrastructure as well as ingress and egress of private properties.</p>
<p>15. Public Health, Safety and Welfare Benefits -- Please describe (and quantify) how this project protects public health, safety and welfare.</p>	<p>The successful construction of drainage improvements in the Kirkland Road/Rush Road area will provide public safety and health benefits. Currently, stormwater and floodwater from the Newaukum River is unable to flow to a natural point of discharge on the west side of I-5 which contributes to flooding and standing water. The ability to discharge water from the area will improve driving, pedestrian mobility and reduce the potential for health risks due to flooding and standing water.</p>
<p>16. Residential, Commercial and/or Agricultural Protection Benefits -- 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.).</p>	<p>Moderate to severe flooding in the Kirkland Road area occurs several times per year. This area is a major commercial zone for the City of Napavine and includes businesses that cater to the local population as well as the public traveling on I-5. The businesses directly affected by flooding include Ramblin' Jack's Ribeye Restaurant, McDonald's, Burger King, an expresso stand. Bethel Church, located south of Kirkland Road on Bond Road is also affected. A gas station, Subway Restaurant and an RV Center are not in the area of flooding but access to these businesses is affected by flooding in the Kirkland Road/Rush Road intersection.</p> <p>Two residences south of Kirkland Road on the west side of the Newaukum River are directly affected by flooding in the area. Residents to the east of the river who normally access their homes via Kirkland Road are also affected by flooding in the project area.</p> <p>This project is time sensitive do to the continuous flooding issues caused by the Chehalis river then causing the back up flooding of the Newaukum River.</p>
<p>17. Other Project Impacts -- Please explain how this project impacts or is potentially impacted by another project.</p>	<p>This project is not impacted by other planned projects in the area. Completion of this project will improve drainage for future commercial development in the area.</p>



<p>18. Anything Else -- 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.</p>	<p>See attached Figure 2 – Flooding Area.</p>
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Appendix A

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