

**RESOLUTION NO. \_\_\_\_\_**

(A resolution of the Whatcom County Flood Control Zone District Board of Supervisors)

**AMENDMENT NO. 3 OF THE 2019 BUDGET**

**WHEREAS**, the 2019 budget for the Whatcom County Flood Control Zone District and Subzones was adopted November 20, 2018; and,

**WHEREAS**, changing circumstances require modifications to the approved 2019 budget; and,

**WHEREAS**, the modifications to the budget have been assembled here for deliberation by the Board of Supervisors,

**NOW, THEREFORE, BE IT RESOLVED** by the Whatcom County Flood Control Zone District Board of Supervisors that the 2019 budget as approved in Resolution 2018-044 is hereby amended by adding the following additional amounts to the budgets included therein:

	Expenditures	Revenues	Net Effect
<b>Flood Control Zone District</b>	<u><b>1,560,000</b></u>	<u><b>(1,248,000)</b></u>	<u><b>312,000</b></u>
<b>Total Supplemental</b>	<u><b>1,560,000</b></u>	<u><b>(1,248,000)</b></u>	<u><b>312,000</b></u>

**ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2019

WHATCOM COUNTY FCZD  
BOARD OF SUPERVISORS  
WHATCOM COUNTY, WASHINGTON

ATTEST:

\_\_\_\_\_  
Dana Brown-Davis, Council Clerk

\_\_\_\_\_  
Rud Browne, Chair of Board of Supervisors

APPROVED AS TO FORM:



\_\_\_\_\_  
Civil Deputy Prosecutor

<b>2019 Flood Control Zone District and Subzones Budgets Amendment #3</b>				
		<u>Expenditures</u>	<u>Revenues</u>	<u>Fund Balance</u>
<b>Flood Control Zone District Fund</b>				
<b>River &amp; Flood</b>	To fund floodplain land acquisition.	1,500,000	(1,200,000)	300,000
<b>River &amp; Flood</b>	To fund senior flood engineer.	<u>60,000</u>	<u>(48,000)</u>	<u>12,000</u>
<b>Total Flood Control Zone District Supplemental</b>		<b><u>1,560,000</u></b>	<b><u>(1,248,000)</u></b>	<b><u>312,000</u></b>

# Supplemental Budget Request

Status: Pending

Public Works

Flood Control Zone District

Suppl ID # 2740

Fund 169

Cost Center 169114

Originator: Paula Harris

Year 1 2019

Add'l FTE

Priority 1

Name of Request: Floodplain Land Acquisition

X



5/21/19

Department Head Signature (Required on Hard Copy Submission)

Date

Costs:	Object	Object Description	Amount Requested
	4334.0311	CZM-FCCAP Grant	(\$1,200,000)
	7320	Land	\$1,500,000
	<b>Request Total</b>		<b>\$300,000</b>

### 1a. Description of request:

The FCZD is being awarded a Floodplains by Design grant that includes funding for land acquisition for flood hazard reduction projects along the Lower Nooksack River and Jones Creek. This budget request provides 2019 budget authority to cover the expenditures associated with land acquisition anticipated through the end of the year.

### 1b. Primary customers:

While the owners of the properties being acquired are the direct customers, the greater public will benefit from the flood hazard reduction projects that the acquisitions will enable to move forward.

### 2. Problem to be solved:

Both the projects on Jones Creek and the lower Nooksack River entail levee construction or reconfiguration to reduce flood hazards associated with debris flows on Jones Creek and overbank flooding on the Nooksack. Work on these projects was initiated years ago and land acquisition is the next step to keep the projects progressing.

### 3a. Options / Advantages:

Several alternatives for each project area have been identified and evaluated in earlier phases of the project. For Jones Creek, debris basins and debris barriers were evaluated along with the recommended alternative of a deflection berm.

For the lower Nooksack, several different levee configurations have been identified but the final alignment will depend on the results of negotiations for land acquisition.

### 3b. Cost savings:

The deflection berm for Jones Creek will reduce risk to public safety and the potential for future damages associated with debris flows.

The alternative levee configurations being evaluated for the lower Nooksack River are intended to reduce long-term repair costs while improving the reliability of flood protection and reducing the detrimental impacts to fish habitat.

### 4a. Outcomes:

Properties identified for acquisition will be owned by the FCZD. Depending on negotiations, one parcel is expected to be transferred this year, while transfer of other parcels will likely extend into next year.

### 4b. Measures:

The property transactions are carried through to closing and final transfer of titles

### 5a. Other Departments/Agencies:

# Supplemental Budget Request

*Status:* Pending

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**Public Works**

**Flood Control Zone District**

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Suppl ID # 2740

**Fund** 169

**Cost Center** 169114

**Originator:** Paula Harris

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These projects have been developed and will continue to be implemented in cooperation with our project partners which include Diking District #2, Sumas/Nooksack/Everson Subzone and Acme/Van Zandt Subzone.

**5b. Name the person in charge of implementation and what they are responsible for:**

N/A

**6. Funding Source:**

20% Flood Control Zone District fund balance and 80% Floodplains by Design grant

# Supplemental Budget Request

Status: Pending

Public Works

Flood Control Zone District

Suppl ID # 2739

Fund 169

Cost Center 169100

Originator: Paula Harris

Year 1 2019

Add'l FTE

Priority 1

Name of Request: Senior Flood Engineer

X

Department Head Signature (Required on Hard Copy Submission)

5/21/19

Date

Costs:	Object	Object Description	Amount Requested
	4334.0311	CZM-FCCAP Grant	(\$48,000)
	6110	Regular Salaries & Wages	\$34,500
	6290	Applied Benefits	\$25,500
	<b>Request Total</b>		<b>\$12,000</b>

### 1a. Description of request:

Addition of a senior engineer for the River and Flood Division to assist in capital project delivery. This position would provide oversight and coordination of the River and Flood capital program, from project development through detailed design and construction.

### 1b. Primary customers:

The citizens of Whatcom County will benefit from the capital projects supported by this position

### 2. Problem to be solved:

The Flood Control Zone District (FCZD) is receiving a grant through the Department of Ecology's Floodplains by Design program to advance several of the capital projects in the River and Flood work program. Currently the River and Flood Division has two flood engineers to manage capital projects but additional staff is needed to deliver the projects included in the grant scope of work. During the vetting process for the grant application, the need for a senior engineer to help in implementing the grant was disclosed and supported.

### 3a. Options / Advantages:

If we accept the grant funding, we need to ensure we have adequate resources to implement the work. The alternative is to not accept the grant funding.

### 3b. Cost savings:

The grant will provide 80% reimbursement for \$6,040,000 in project work which will accelerate the rate of capital project delivery and offset the use of local funding.

### 4a. Outcomes:

Specific projects in the current grant that will be advanced by this position include:

Ferndale Levee and Habitat Improvement

Benefits: critical infrastructure flood hazard reduction, riparian improvements, recreation

Lynden Levee and Habitat Improvement

Benefits: critical infrastructure flood hazard reduction, habitat improvements

South Fork Jones Creek Debris Flow Risk Reduction

Benefits: public life and safety, critical infrastructure protection

North Fork Glacier-Gallup Creek Alluvial Fan Restoration

# Supplemental Budget Request

Status: Pending

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## Public Works

## Flood Control Zone District

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Suppl ID # 2739

Fund 169

Cost Center 169100

Originator: Paula Harris

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Benefits: public life and safety, critical infrastructure flood hazard reduction, restoration of habitat-forming processes

The increased capacity will enable the FCZD to continue pursuing grant funding for large-scale capital projects and increase our chance of securing funding in the future.

**4b. Measures:**

In the near-term, the grant scope of work will be fulfilled. In the long-term, the rate of capital project delivery will increase.

**5a. Other Departments/Agencies:**

This position will work closely with our project partners specific to each capital project. For the projects included in the current grant scope, these include the Cities of Ferndale and Lynden, and the communities of Acme and Glacier.

**5b. Name the person in charge of implementation and what they are responsible for:**

Paula Harris, River and Flood Manager, will manage the senior River and Flood Engineer

**6. Funding Source:**

Flood Control Zone District fund