

Supplemental Budget Request

Status: Pending

Parks & Recreation

Suppl ID # 3057

Fund 1

Cost Center 6352

Originator: Christ Thomsen

Year 2 2020

Add'l FTE

Priority 1

Name of Request: Lookout Mountain Road Failure A&E - FEMA 08-4615

X

Department Head Signature (Required on Hard Copy Submission)

Date

4-22-20

Costs:	Object	Object Description	Amount Requested
	4333.8310	FEMA	(\$40,299)
	4334.0181	FEMA Military	(\$6,717)
	6630	Professional Services	\$47,016
	Request Total		\$0

1a. Description of request:

This request provides budgeting and spending authority for the use of FEMA funds in the sum of \$47,016 for Architecture and Engineering to develop plans, specifications, and engineering estimate for the repair of the LM-2000 and LM-2100 roads in the Lookout Mountain Forest Preserve.

1b. Primary customers:

The citizens of Whatcom County, the over 32,000 annual trail uses of Lookout Mountain Forest Preserve, Department staff who use the roads for management activities, EMS, and leaseholders.

2. Problem to be solved:

During the winter of 2018/2019, a winter storm, incident 18-4615, caused a slope failure between the LM-2000 and LM-2100 roads within the Lookout Mountain Forest Preserve. The slide caused substantial damage to the LM-2100 road and lesser damage to the LM-2000 road. Portions of the LM-2100 road failed (approximately 70-feet of the roadway was lost). The slide materials were deposited on the LM-2000 road causing damage to culverts, a lateral ditch, and road surface. The Department took immediate action to stabilize the slide area and clear the LM-2000 road. Today, the slide area is minimally active, the LM-2100 road remains impassable to motor vehicles, and continues to degrade. The slide and road failure are eligible for FEMA funds because the incident occurred as part of the larger storm event. On March 13, 2020, the County received funding for this project from FEMA for Architecture and Engineering work develop plans, specifications, and engineering estimate for repairs. This budget supplemental provides budgetary expenditure authority to encumber these funds and proceed with A&E.

The LM-2000 is a critical road as it is a mainline road that provides access for land managers, communications leaseholders, EMS and other across a large portion of Lookout Mountain Forest Preserve. The LM-2100 road provides valuable access for land managers and recreationists.

3a. Options / Advantages:

Both roads are important to the management of Lookout Mountain Forest Preserve. With this in mind, two options were considered.

1) Do nothing in response to the slope failure. This precludes the continued use of the LM-2400 because the failure caused the loss of approximately 70-feet of the roadway. At the worst point, the loss included the full-width of the roadway. The LM-2000 remains open and useable at this time but is at risk of additional damage or complete loss should the slope fail again.

2) Effect repairs to stabilize the slope and restore the roads. This options repairs both roads and provides for ongoing use of the LM-2000 and LM-2100 roads.

Supplemental Budget Request

Status: Pending

Parks & Recreation

Suppl ID # 3058 Fund 1 Cost Center 6370 Originator: Christ Thomsen

Year 2 2020

Add'l FTE

Priority 1

Name of Request: Point Whitethorn Stairway - FEMA 08-4615

X

Department Head Signature (Required on Hard Copy Submission)

Date

4-22-20

Costs:	Object	Object Description	Amount Requested
	4333.8310	FEMA	(\$26,250)
	4334.0181	FEMA Military	(\$4,375)
	6630	Professional Services	\$30,625
	Request Total		\$0

1a. Description of request:

This request provides budgeting and spending authority for the use of FEMA funds in the sum of \$30,631 for Architecture and Engineering to develop plans, specifications, and engineering estimate for the repair or replacement of the high-bank stairway at Point Whitehorn Marine Reserve.

The high-bank stairway provides public access from the highlands of the reserve to the saltwater shoreline and tidelands. This was a key element for acquisition of the property for park purposes.

1b. Primary customers:

The citizens of Whatcom County and the over 28,000 annual visitors to Point Whitehorn Marine Reserve.

2. Problem to be solved:

During the winter of 2018/2019, a winter storm, incident 18-4615, the Department experienced a slope failure within the Point Whitehorn Marine Reserve which affected the high-bank stairway that provides access from the highlands of the park to the Puget Sound Shoreline. The slope failure undermined the stairway, causing damage to the stairway and creating the potential for stairway failure. The stairway received repairs, was determined to be safe for public use, and was reopened to the public. Because of the potential for failure, the stairway was eligible to receive FEMA funding for Architecture and Engineering work to develop plans, specifications, and engineering estimate for repairs or replacement. A winter storm in 2020, incident 20-0256, contributed to further degradation of the slope and stairway making it unsafe for use. The stairway is closed to public use as a result. On March 13, 2020, the County received funding for this project from FEMA for Architecture and Engineering work to develop plans, specifications, and engineering estimate for repairs. This budget supplemental provides budgetary expenditure authority to encumber these funds to proceed with A&E work.

3a. Options / Advantages:

Two options were evaluated.

1) Remove the existing stairway and close access to the shoreline. This option reduces services by eliminating shoreline and tideland access within Point Whitehorn Marine Reserve.

2) Repair or replace the existing stairway in a way that provides safe and reliable access to the shoreline. This option provides continuation of services by maintaining shoreline and tidelands access within the Point Whitehorn Marine Reserve.

Shoreline access is a primary draw of visitors to Point Whitehorn Marine Reserve and was an important element of its acquisition. Continued provision of shoreline access via a high-bank stairway is a critical