

WHATCOM COUNTY COUNCIL AGENDA BILL

NO. ab2016-275B

CLEARANCES	Initial	Date	Date Received in Council Office	Agenda Date	Assigned to:
K. Christensen Originator:	KNC	3/23/17	RECEIVED MAR 28 2017 WHATCOM COUNTY COUNCIL	4/04/17	Intro
R. Ney Division Head:	B	3/23/17		4/18/17	Finance Committee; Council
Jon Hutchings Dept. Head:	TH	3/24/17			
Dan Gibson Prosecutor:	KAF	3/27/17			
Brad Bennett Purchasing/Budget:	MBE	3/27/17			
Jack Louws Executive:	TWS	3/28/17			

TITLE OF DOCUMENT:

Amendment No. 4 to Ordinance No. 2014-083 Establishing the Cedar Hills/Euclid Storm Water Improvements Fund and Establishing a Project Based Budget for Cedar Hills/Euclid Storm Water Improvements.

ATTACHMENTS:

1. Ordinance
2. Exhibit A
3. Cover Memo
4. Supplemental Budget Request

SEPA review required? () Yes (X) NO
 SEPA review completed? () Yes () NO

Should Clerk schedule a hearing? () Yes (X) NO
 Requested Date:

SUMMARY STATEMENT OR LEGAL NOTICE LANGUAGE: (If this item is an ordinance or requires a public hearing, you must provide the language for use in the required public notice. Be specific and cite RCW or WCC as appropriate. Be clear in explaining the intent of the action.)

Amendment No. 4 to the Cedar Hills/Euclid Storm Water Improvements Fund Project Budget requests additional appropriation authority of \$36,909 for a new Project Based Budget total of \$1,792,495

COMMITTEE ACTION:

COUNCIL ACTION:

4/4/2017: Introduced 6-0, Weimer absent

Related County Contract #:

Related File Numbers:

Ordinance or Resolution Number:

Please Note: Once adopted and signed, ordinances and resolutions are available for viewing and printing on the County's website at: www.co.whatcom.wa.us/council.

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PROPOSED BY: Public Works _____
INTRODUCTION DATE: 4/4/2017

ORDINANCE NO. _____

AMENDMENT NO. 4 TO ORDINANCE NO. 2014-083 ESTABLISHING THE CEDAR HILLS/EUCLID STORM WATER IMPROVEMENTS FUND AND ESTABLISHING A PROJECT BASED BUDGET FOR CEDAR HILLS/EUCLID STORM WATER IMPROVEMENTS

WHEREAS, the Lake Whatcom Comprehensive Stormwater Management Plan identified the Cedar Hills/Euclid Natural Drainage Retrofit as a high priority capital improvement project, and

WHEREAS, construction work is currently underway for this project through a contract with Stremler Gravel, and

WHEREAS, this request will fund additional unanticipated expenses of utility relocations, and

WHEREAS, these additional expenses will be funded by the Lake Whatcom Water and Sewer District,

NOW, THEREFORE, BE IT ORDAINED by the Whatcom County Council that Ordinance No. 2014-083 is hereby amended adding \$36,909 of expenditure authority, as described in Exhibit A, to the amended project budget of \$1,755,586 for a total amended project budget of \$1,792,495.

ADOPTED this ____ day of April, 2017.

ATTEST:


WHATCOM COUNTY COUNCIL
WHATCOM COUNTY, WASHINGTON

Dana Brown-Davis, Clerk of the Council

Barry Buchanan, Council Chair

APPROVED AS TO FORM:

WHATCOM COUNTY COUNCIL
WHATCOM COUNTY, WASHINGTON



Civil Deputy Prosecutor

Jack Louws, County Executive

() Approved () Denied

Date Signed: _____

EXHIBIT A

CEDAR HILLS/EUCLID STORMWATER IMPROVEMENTS - Fund 367


Account	Description	Current Amended Project Budget	Amendment #4 to Ord. 2014-083	Total Amended Project Budget
Expenditures				
6110	Wages	\$105,256	\$0	\$105,256
6290	Applied Benefits	\$75,784	\$0	\$75,784
6610	Contractual Services	\$4,000	\$0	\$4,000
6630	Professional Services	\$120,000	\$0	\$120,000
6699	Other Services - Interfund	\$20,000	\$0	\$20,000
6810	Advertising	\$500	\$0	\$500
7190	Other Miscellaneous	\$1,749	\$0	\$1,749
7199	Other Miscellaneous/Interfund	\$4,100	\$0	\$4,100
7320	Land	\$28,611	\$0	\$28,611
7380	Other Improvements	\$1,395,586	\$36,909	\$1,432,495
		\$1,755,586	\$36,909	\$1,792,495
Revenues				
4334.0311	Dept of Ecology Grant	\$665,586	\$0	\$665,586
4337.0002	Lake Whatcom Water & Sewer Distr.	\$125,000	\$36,909	\$161,909
8301.169	Flood Fund Transfer	\$10,000	\$0	\$10,000
8301.324	REET II Transfer	\$955,000	\$0	\$955,000
		\$1,755,586	\$36,909	\$1,792,495



Jon Hutchings
DIRECTOR

MEMORANDUM

TO: The Honorable Jack Louws, County Executive and
Honorable Members of the Whatcom County Council

THROUGH: Jon Hutchings, Public Works Director 

FROM: Rob Ney, Special Projects Manager
Kirk N. Christensen, P.E., Stormwater Supervisor

DATE: March 20, 2017

RE: Supplemental Budget Request #2262 - Cedar Hills/Euclid

Please find attached for your approval a supplemental budget request from Public Works-Stormwater for the Cedar Hills-Euclid Stormwater Improvements project.

▪ **Background and Purpose**

The Lake Whatcom Comprehensive Stormwater Management Plan identified high priority Capital Improvement Projects (CIPs) to address water quality. CIP-10 Natural Drainage Retrofits Cedar Hills/Euclid is one these CIPs. Construction work is currently underway for this CIP through a contract with Stremler Gravel. Construction includes installation of bio-retention swales, stormfilter vaults, pretreatment structures, utility relocations, stormwater piping, stream stabilization, and native plantings. The Stormwater Division was successful in obtaining a Combined Water Quality Financial Assistance grant from the Department of Ecology (DOE) to aid in funding the design and construction of the stormwater retrofits.

This request will fund additional unanticipated expenses for utility issues. The expenses will be reimbursed by the Lake Whatcom Water and Sewer District.

▪ **Funding Amount and Source**

This request, in the additional amount of \$36,909 will be funded by Lake Whatcom Water and Sewer District.

Please contact Kirk Christensen at extension 6297, if you have any questions or concerns regarding the terms of this agreement,

Encl.

Supplemental Budget Request

Public Works

Stormwater

Suppl ID # 2262 Fund 367 Cost Center 367100 Originator: Kirk Christensen

Expenditure Type: One-Time Year 1 2017 Add'l FTE Add'l Space Priority 1

Name of Request: Cedar Hills Supplemental #4

<p>X 3/20/17</p>	<p>Date</p>
<p>Department Head Signature (Required on Hard Copy Submission)</p>	

Costs:	Object	Object Description	Amount Requested
	4337.0002	Other	(\$36,909)
	7380	Other Improvements	\$36,909
	Request Total		\$0

1a. Description of request:

This water quality improvement project establishes low impact development stormwater control facilities land stormwater treatment facilities specifically designed to remove phosphorus in urban runoff draining to Euclid Creek. Construction work is currently underway through a contract with Stremler Gravel. Construction includes installation of bio-retention swales, storm filter vaults, pretreatment structures, utility relocations, stormwater piping, stream stabilization, and native plantings.

The Stormwater Division was successful in obtaining a Combined Water Quality Financial Assistance grant from the Department of Ecology (DOE) to aid in funding the design and construction of the stormwater retrofits.

Additional expenses will be required for utility issues. The expenses will be reimbursed by the Lake Whatcom Water and Sewer District.

1b. Primary customers:

The primary customers of this project are the citizens of Whatcom County, residents of the City of Bellingham, and anyone who benefits from recreational use of Lake Whatcom.

2. Problem to be solved:

This project addresses the problem of water quality. Lake Whatcom supplies drinking water to approximately 100,000 residents in the Bellingham area. Elevated levels of phosphorus have caused Lake Whatcom to be placed on Washington State's 303(d) listing as an impaired water body. This project will treat and infiltrate stormwater runoff to reduce phosphorus loading to Lake Whatcom. It will also reduce peak flows and pollutant loading to Euclid Creek.

3a. Options / Advantages:

Moving forward with this request will improve phosphorus removal.

3b. Cost savings:

The failure to reduce phosphorus loading to Lake Whatcom can result in costly removal/treatment of excessive algae blooms, increased costs for maintaining drinking water filters, reduced use of Lake Whatcom as a fishing and recreational facility, and the overall deterioration of the biological function of the watershed. This project will contribute to the overall goal of water quality and assist with meeting the TMDL requirements of retrofitting development to mimic the phosphorus loading of a forested watershed.

4a. Outcomes:

Construction of the bio-infiltration facilities, the installation of the stormwater filter vaults and the channel stabilization to treat stormwater entering Euclid Creek and Lake Whatcom.

4b. Measures:

Supplemental Budget Request

Public Works

Stormwater

Suppl ID # 2262

Fund 367

Cost Center 367100

Originator: Kirk Christensen

The construction and installation of the stormwater facilities will indicate that the project outcomes have been met. In addition, the Stormwater Division intends to fit one of the bio-infiltration facilities for effectiveness monitoring. This monitoring will assist the Stormwater Division in quantifying in-field phosphorus reduction and provide information for the continuing improvement of water quality design work in the Lake Whatcom watershed.

5a. Other Departments/Agencies:

Lake Whatcom Water and Sewer District.

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

Kirk Christensen

6. Funding Source:

Lake Whatcom Water and Sewer District.