KING COUNTY FLOOD CONTROL DISTRICT

516 Third Avenue • Room 1200 • Seattle, WA 98104
206.296.1020 • info@kingcountyfloodcontrol.org
www.kingcountyfloodcontrol.org

King County Flood Control District Advisory Committee Meeting Agenda

The King County Flood Control District Advisory Committee is created to provide expert policy advice to the Board of Supervisors of the King County Flood Control Zone District on regional flood protection issues. The committee shall review and recommend an annual work program and budget for the district, including capital improvement program projects and funding levels, subject to approval or approval and modification by the Board of Supervisors. Ordinance 15728, April 16, 2007

MEETING TIME AND LOCATION

Friday, June 22, 2018 1:00 p.m. – 3:30 p.m.
Mercer Island Community Center 8236 SE 24th St, Mercer Island, WA 98040

PURPOSE OF THE MEETING

- Introduce 2019 Financial Plan and Capital Budgets
- Identify key issues for budget deliberation

Time	Topic	Objective	Lead	Materials
1:00	Call to Order		Ken Hearing, Advisory Committee Chair	
1:05	Public Comment	Provide opportunity for public comment	Ken Hearing	
1:10	Election of Chair	Even-year election of chair	Ken Hearing	
1:15	Approval of Meeting Summary	Approve meeting summary from May 9, 2018 orientation meeting	Chair	May 9, 2018 Draft Meeting Summary
1:30	Follow-up on Advisory Committee Information Requests	Report on status of information requests	Kjristine Lund, Facilitator	See Advisory Committee website
1:35	• Executive Director Activity Update • Comparison Advisory Committee Recommended and Adopted 2018 Budget • 2019 Budget Assumptions	Provide information on Board of Supervisor Actions and Direction	Michelle Clark, Executive Director	
1:50	Financial Plan	Review and Discuss Draft Financial Plan	Brian Murray, King County Water and Land Resources Division	2019-2024 Draft Financial Plan
2:00	Draft Capital Budget	Review and Discuss 2019-2024 Draft Capital Budget	Brian Murray	2019-2024 Draft Capital Budget
2:45	Key Issues	Discuss Advisory Committee information requests and key issues	Kjristine Lund	
3:00	Next Steps Opportunity Fund Improvements	Discuss Advisory Committee policy input to expedite expenditures	Kjristine Lund	
3:50	Operating Rules	Review and discuss any amendments	Kjristine Lund	Operating Rules approved July 2017
3:30	Adjourn		Chair	

COMMITTEE MEMBERS

Seats	Jurisdiction	Name	Title
Permanent Seat, Advisory Committee, *Chair*	City of North Bend	Kenneth Hearing	Mayor
Rotating Seat nominated by Sound Cities Association (SCA), Advisory Committee, *Vice-Chair*	City of Pacific	Leanne Guier	Mayor
Permanent Seat	City of Auburn	Nancy Backus	Mayor
Permanent Seat	City of Bellevue	John Chelminiak	Mayor
Permanent Seat	City of Carnation	Kim Lisk	Mayor
Permanent Seat	City of Kent	Dana Ralph	Mayor
Permanent Seat	King County	Dow Constantine	Executive
Permanent Seat	City of Renton	Denis Law	Mayor
Permanent Seat	City of Seattle	Jenny Durkan	Mayor
Permanent Seat	City of Snoqualmie	Matt Larson	Mayor
Permanent Seat	City of Tukwila	Allan Ekberg	Mayor
Rotating Seat for unincorporated area	Rural Area	Angela Donaldson	
Rotating Seat nominated by SCA	City of Bothell	James McNeal	Councilmember
Rotating Seat nominated by SCA	City of Covington	Marlla Mhoon	Councilmember
Rotating Seat nominated by SCA	Town of Skykomish	Henry Sladek	Councilmember
Alternate SCA	Duvall	Michelle Hogg	Councilmember
Alternate SCA	City of Maple Valley	Linda Johnson	Councilmember
Alternate SCA	City of Mercer Island	Salim Nice	Deputy Mayor
Alternate SCA	City of Sammamish	Karen Moran	Councilmember
Alternate	City of Auburn	Bill Peloza	Councilmember
Alternate	City of Bellevue	Janice Zahn	Councilmember
Alternate	City of Carnation	Jim Berger	Councilmember
Alternate	City of Kent	Toni Troutner	Councilmember
Alternate	King County	Casey Sixkiller	Chief Operating Officer
Alternate	City of North Bend	Brenden Elwood	Councilmember
Alternate	City of Renton		
Alternate	City of Seattle	Lisa Herbold	Councilmember
Alternate	City of Snoqualmie		
Alternate	City of Tukwila	Dennis Robertson	Councilmember

COMMITTEE GROUND RULES

Come to committee meetings prepared and honor timeframes
Respect each other's perspectives - Listen and participate actively
Silence electronic devices during meetings

2018 MEETING SCHEDULE

May 9	1:00 p.m. - 3:30 p.m. -	Orientation
June 22	1:00 p.m. - 3:30 p.m. -	Budget Introduction
July 20	9:30 a.m. - 12:00 p.m. -	Capital and Operating Budget
August 8	1:00 p.m. - 3:30 p.m. -	Follow-up on Committee Questions
August 22	1:00 p.m. - 3:30 p.m. -	Final Recommendation

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DRAFT

Flood Control District Advisory Committee Meeting Summary 5-9-18

Call to order: The meeting was called to order at 1:02 p.m.

Present: Mayor Kenneth Hearing, North Bend, Angela Donaldson, Rural Area; Mayor Dana Ralph, Kent; Mayor Matt Larson, Snoqualmie; Councilmember Marla Mhoon, Covington; Councilmember James McNeal, Bothell; Councilmember Michelle Hogg, Duvall; Councilmember Toni Troutner, Kent; Councilmember Dennis Robertson, Tukwila; Councilmember Karen Moran, Sammamish; and Councilmember Henry Sladek, Skykomish

Staff: Michelle Clark, Executive Director; Brian Murray, River and Floodplain Management Section, King County Department of Natural Resources and Parks; Kjristine Lund, Facilitator; and Anne Noris, Clerk

Public: Sign-in sheet in the meeting record.

Public Comment: There was no public comment offered.

Welcome and Introductions:

Advisory Committee Purpose and 2018 Budget Schedule: Michelle Clark, Executive Director, briefed the committee on the creation of the Flood Control Zone District in 2007 and the creation of the Advisory Committee. The purpose of the Advisory Committee is to provide recommendations on the proposed budget and other policy direction of the District. The Committee also brings other issues to the District Board for its consideration. She reported on the subregional opportunity fund, flood reduction grant program and cooperative watershed management grant program, which are District funds that are provided to the jurisdictions as grants.

Advisory Committee Operating Procedures: Kjristine Lund, Facilitator, described the makeup of the District Board and Executive Committee. She reviewed the meeting schedule and the topics of each meeting and the structure and operating rules for the Committee. She explained the work of the Joint Basin Technical Committees.

Flood District 101: Ms. Clark and Ms. Lund briefed the Committee on the purposes of the District as outlined in RCW chapter 86.15. There is an operating budget, an annual capital budget and a 6-year CIP budget. Ms. Lund reviewed the 2018 adopted budget documents. Councilmember Robertson asked for 6-year financial plan, which will be provided.

Program Implementation: Brian Murray, River and Floodplain Management Section, made a PowerPoint presentation on the role of King County as the service provider to the District. He briefed the Committee on the floodplain risks in the County, the river basins, the 2007 Flood Hazard Management Plan, project prioritization and evaluation approaches, capital project risk reduction approaches, and the 2018 budget overview, funding programs with District funds, and services provided by the County. He also referenced

the River Section organizational chart and described the product families on which the Section works. There is now a 6-year CIP budget book that includes detail on all the capital projects; it is available online and a paper copy will be provided on request.

General Questions:

- Councilmember Mhoon asked if the 2017 priority list has been changed for 2018. Ms. Clark says no. She also reported that the levy breach project is being scoped to determine where levees may be breached.
- Mayor Hearing asked whether the cost of home elevation is increasing? There was a discussion of a change in FEMA funding for home elevations, as it is now focused on repetitive loss projects, which occur more in hurricane country. As a result, the District is providing the cost-share on these projects.
- Councilmember Robertson asked about the mix of property tax and grant funding and how District funds are leveraged. There was a discussion of this topic and Mr. Murray said he would gather the data and provide to the Committee.
- Ms. Donaldson raised the issue of the CSR program and suggested this should be discussed when the Committee is determining its recommendations to the District Board.
- Councilmember McNeal asked that there be a presentation on Redmond groundwater table issue. The Chair indicated that would be placed on a future agenda.
- Ms. Donaldson asked about the home buyouts in Pacific. Ms. Lund indicated that acquisitions and permits are a large part of the capital program that can take time.
- Councilmember Robertson asked whether the District deals with issues of sea level rise? There was a discussion of King County's strategic climate action plan that informs land use decisions and that the County uses best available science in developing its models.

Adjourn: The meeting was adjourned at 3:13 p.m.

King County Flood Control District

Flood Program Financial Plan: 2019 Preliminary Draft Budget and 6-Year CIP

6/20/2018

	2017 Actual	2018 Adopted	2018 Revised	2019 Projected	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Beginning Balance	62,335,334	49,356,357	71,484,181	66,606,248	61,827,199	47,083,871	32,566,070	24,022,416	13,868,406
Revenue									
Flood District									
Flood District Levy [1]	54,767,662	56,096,479	56,466,880	58,074,441	59,554,191	60,919,121	62,278,766	63,654,304	65,103,678
Interest Earnings [2]	861,000	417,712	986,482	919,166	853,215	649,757	449,412	331,509	91,531
Miscellaneous Revenue [3]	6,195	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
King County									
Inter-County River Improvement [4]	45,000	50,000	45,000	45,000	45,000	0	0	0	0
Grants [10]	3,553,070	4,900,000	3,529,630	6,871,370	0	0	0	0	0
Miscellaneous Revenue [5]	4,138,870	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000
Total Revenue	63,371,797	61,939,190	61,502,992	66,384,978	60,927,406	62,043,879	63,203,177	64,460,814	65,670,210
Expenditure									
District Administration [6]	(516,829)	(792,853)	(792,853)	(816,638)	(841,137)	(841,137)	(866,372)	(866,372)	(892,363)
Operating Expenditure	(9,365,407)	(11,333,238)	(11,515,838)	(11,861,313)	(12,217,153)	(12,583,667)	(12,961,177)	(13,350,012)	(13,750,513)
Capital Expenditure	(44,340,715)	(47,266,966)	(54,072,234)	(58,486,076)	(62,612,444)	(63,136,875)	(57,919,283)	(60,398,439)	(61,883,935)
Total Expenditure	(54,222,950)	(59,393,057)	(66,380,925)	(71,164,027)	(75,670,734)	(76,561,680)	(71,746,832)	(74,614,823)	(76,526,810)
Ending Fund Balance (Cash)	**71,484,181**	**56,604,639**	**66,606,248**	**61,827,199**	**47,083,871**	**32,566,070**	**24,022,416**	**13,868,406**	**3,011,806**
Fund Balance Reserves									
Subregional Opportunity Fund Reserve	*(12,079,765)*	*(12,173,025)*	*(12,472,905)*	*(12,846,930)*	*(13,201,850)*	*(13,542,137)*	*(13,872,575)*	*(14,196,574)*	*(14,599,676)*
WRIA Grants Reserve	*(7,653,641)*	*(7,903,046)*	*(7,913,208)*	*(8,169,086)*	*(8,425,153)*	*(8,684,004)*	*(8,947,405)*	*(9,216,587)*	*(9,391,556)*
Flood Reduction Grants Reserve	*(4,392,073)*	*(6,894,678)*	*(5,383,713)*	*(6,152,345)*	*(6,757,245)*	*(7,243,563)*	*(7,644,717)*	*(7,984,807)*	*(8,327,167)*
Cash Advance	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*	*(4,000,000)*
Self-insured Retention	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*	*(6,500,000)*
District Admin 90-Day Reserve	*(129,207)*	*(198,213)*	*(198,213)*	*(204,160)*	*(210,284)*	*(210,284)*	*(216,593)*	*(216,593)*	*(223,091)*
District Operations 90-Day Reserve	*(2,341,352)*	*(2,833,310)*	*(2,878,960)*	*(2,965,328)*	*(3,054,288)*	*(3,145,917)*	*(3,240,294)*	*(3,337,503)*	*(3,437,628)*
Total Reserves	*(37,096,037)*	*(40,502,271)*	*(39,346,999)*	*(40,837,849)*	*(42,148,821)*	*(43,325,904)*	*(44,421,584)*	*(45,452,065)*	*(46,479,117)*
Ending Unreserved Fund Balance [8]	**34,388,143**	**16,102,368**	**27,259,250**	**20,989,349**	**4,935,049**	**(10,759,835)**	**(20,399,169)**	**(31,583,659)**	**(43,467,312)**
Target Fund Balance	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Budgetary Carryover Reserves	*(98,157,579)*	*(66,246,639)*	*(94,456,253)*	*(105,661,268)*	*(130,559,378)*	*(111,734,128)*	*(92,639,303)*	*(94,221,700)*	*(97,602,164)*
Ending Budgetary Fund Balance [9]	**(26,673,398)**	**(9,642,000)**	**(27,850,004)**	**(43,834,069)**	**(83,475,508)**	**(79,168,058)**	**(68,616,887)**	**(80,353,294)**	**(94,590,358)**

Flood Program Financial Plan: 2019 Preliminary Draft Budget and 6-Year CIP

Notes:

1 Property tax forecast provided by the Office of Economic and Financial Analysis in March, 2018, less undercollection assumption of 1%.

2 Interest earnings approximated using prior year actuals and increasing by 3% per year.

3 District miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, unrealized investments, leashold excise taxes, and immaterial corrections from prior years. In 2017 this included $4M from the sale of the Riverside Business Park in Kent, originally purchased for the Briscoe Levee project, but later deemed unnecesary when the scope of the project changed.

4 The ICRIF amount is based on the 1919 Inter-County Agreement for improvements to the White River, set to expire at the end of 2020.

5 Miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, rent from tenants of acquired real estate, and immaterial corrections from prior years. In 2017 this included the sale of the Rivers Edge Business park, an acquisition under the Briscoe Levee Setback that was ultimately not needed for the project. While this sale could be considered a reduction in project expenditures, governmental accounting rules required it be categorized as a revenue.

6 Costs based on contract established under FCD 2008-07 for District executive services, and inflated at 3% in succeeding years.

7 The capital expenditure is equal to the expenditure rate times the sum of the new capital appropriation and carryover. Rationale for the expenditure rates forecasted for A-E in the capital program is as follows:

A. Based on prior year experience and knowledge of existing staff capacity to implement construction projects implemented by WLR Division. The expenditure rate increases at the end of the six years as new appropriation decreases and carryover projects are completed.

B. Based on prior year experience for acquisitions and home elevations, where expenditure patterns are strongly influenced by factors such as landowner willingness. Rate shown here is similar to the expenditure rate for acquisition-focused funds such as King County's Conservation Futures Trust (CFT).

C. Based on increase from past expenditure rates as city projects move through the engineering design phase toward construction.

D-E. Based on prior year experience with expenditure rates for these capital grant programs, which have a 2-3 year minimum time lag between appropriation and expenditures due to funding allocation decision-making process, execution of agreements for awarded projects, and reimbursement of eligible expenditures during or following implementation by the grant recipient. While the Opportunity Fund does not require time for an allocation process, many jurisdictions choose to accrue funding over multiple years which limits the expenditure rate. Note that a constant expenditure rate results in increased expenditures as unspent allocations are carried over each year.

8 The Unreserved Fund Balance is the remaing balance less reserves described in resolution FCD2016-21.1 adopting a fund balance reserve policy. While the policy provides general guidance on types of reserves, it does not specify their quantification. The reserve quantities above reflect initial considerations by the District in lieu of more formal direction.

9 The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand the District's total budgetary commitment.

10 Grant revenue is assumed only for grants that have been awarded or where an award is likely and imminent.

11 Total New Capital Appropriation corresponds to the "Grand Total" shown in each year on Attachment H.

Flood Program Financial Plan: 2019 Preliminary Draft Budget and 6-Year CIP

Capital Expenditure Detail

FCD Projects New Appropriation	*(37,410,076)*	*(28,993,881)*	*(28,356,480)*	*(34,906,625)*	*(54,277,750)*	*(19,072,605)*	*(14,846,205)*	*(39,745,329)*	*(37,548,371)*
FCD Projects Carryover	*(20,939,815)*	*(38,199,957)*	*(24,030,827)*	*(31,432,385)*	*(41,130,186)*	*(65,831,476)*	*(52,640,530)*	*(37,792,572)*	*(43,421,224)*
Expenditure Rate	*41%*	*35%*	*40%*	*38%*	*31%*	*38%*	*44%*	*44%*	*45%*
A. FCD Project Expenditures	*(23,844,579)*	*(23,517,843)*	*(20,954,923)*	*(25,208,824)*	*(29,576,460)*	*(32,263,551)*	*(29,694,164)*	*(34,116,676)*	*(36,436,318)*
FCD Flood Mitigation New Appropriation	*(8,242,643)*	*(8,335,883)*	*(6,713,743)*	*(9,210,975)*	*(7,593,789)*	*(7,559,051)*	*(7,635,823)*	*(5,319,405)*	*(11,131,328)*
FCD Flood Mitigation Carryover	*(14,467,111)*	*(14,512,610)*	*(13,799,491)*	*(14,359,263)*	*(16,499,167)*	*(16,865,069)*	*(17,096,884)*	*(17,312,895)*	*(15,842,610)*
Expenditure Rate	*29%*	*20%*	*30%*	*30%*	*30%*	*30%*	*30%*	*30%*	*30%*
B. FCD Flood Mitigation Expenditures	*(6,535,721)*	*(4,569,699)*	*(6,153,970)*	*(7,071,071)*	*(7,227,887)*	*(7,327,236)*	*(7,419,812)*	*(6,789,690)*	*(8,092,181)*
Other Agency New Appropriation	*(7,007,557)*	*(2,822,661)*	*(2,474,651)*	*(11,877,811)*	*(11,600,754)*	*(3,297,798)*	*(1,611,267)*	*(1,830,605)*	*(1,111,931)*
Other Agency Carryover	*(17,020,731)*	*(12,789,924)*	*(35,683,313)*	*(22,894,779)*	*(20,863,554)*	*(19,478,585)*	*(12,527,010)*	*(7,069,139)*	*(3,559,897)*
Expenditure Rate	*3%*	*40%*	*40%*	*40%*	*40%*	*45%*	*50%*	*60%*	*60%*
C. External Agency Project Expenditures	*(675,532)*	*(7,025,663)*	*(15,263,186)*	*(13,909,036)*	*(12,985,723)*	*(10,249,372)*	*(7,069,139)*	*(5,339,846)*	*(2,803,097)*
Opportunity Fund New Appropriation	*(5,743,771)*	*(5,738,670)*	*(5,738,670)*	*(5,879,852)*	*(6,012,856)*	*(6,144,060)*	*(6,275,827)*	*(6,408,245)*	*(6,660,106)*
Opportunity Fund Carryover	*(10,901,038)*	*(11,651,366)*	*(12,079,766)*	*(12,472,905)*	*(12,846,930)*	*(13,201,850)*	*(13,542,137)*	*(13,872,575)*	*(14,196,574)*
Expenditure Rate	*27%*	*30%*	*30%*	*30%*	*30%*	*30%*	*30%*	*30%*	*30%*
D. Opportunity Fund Payments	*(4,565,045)*	*(5,217,011)*	*(5,345,531)*	*(5,505,827)*	*(5,657,936)*	*(5,803,773)*	*(5,945,389)*	*(6,084,246)*	*(6,257,004)*
WRIA Grants New Appropriation	*(4,390,296)*	*(4,520,525)*	*(4,520,525)*	*(4,654,617)*	*(4,792,687)*	*(4,934,853)*	*(5,081,235)*	*(5,231,960)*	*(5,231,960)*
WRIA Grants Carryover	*(7,360,485)*	*(7,638,008)*	*(7,653,641)*	*(7,913,208)*	*(8,169,086)*	*(8,425,153)*	*(8,684,004)*	*(8,947,405)*	*(9,216,587)*
Expenditure Rate	*35%*	*35%*	*35%*	*35%*	*35%*	*35%*	*35%*	*35%*	*35%*
E. WRIA Grant Payments	*(4,097,140)*	*(4,255,486)*	*(4,260,958)*	*(4,398,739)*	*(4,536,621)*	*(4,676,002)*	*(4,817,834)*	*(4,962,778)*	*(5,056,992)*
Flood Reduction Grants New Appropriation	*(3,058,908)*	*(3,085,306)*	*(3,085,306)*	*(3,161,211)*	*(3,232,718)*	*(3,303,258)*	*(3,374,100)*	*(3,445,293)*	*(3,580,702)*
Flood Reduction Grants Carryover	*(5,955,863)*	*(6,490,635)*	*(4,392,073)*	*(5,383,713)*	*(6,152,345)*	*(6,757,245)*	*(7,243,563)*	*(7,644,717)*	*(7,984,807)*
Expenditure Rate	*51%*	*28%*	*28%*	*28%*	*28%*	*28%*	*28%*	*28%*	*28%*
F. Flood ReductionGrant Payments	*(4,622,698)*	*(2,681,264)*	*(2,093,666)*	*(2,392,579)*	*(2,627,818)*	*(2,816,941)*	*(2,972,946)*	*(3,105,203)*	*(3,238,343)*
Capital Summary - All Expenditures A-F									
Total New Capital Appropriation [11]	*(65,853,251)*	*(53,496,926)*	*(50,889,375)*	*(69,691,091)*	*(87,510,554)*	*(44,311,625)*	*(38,824,458)*	*(61,980,837)*	*(65,264,398)*
Total Carryover	*(76,645,043)*	*(91,282,500)*	*(97,639,111)*	*(94,456,253)*	*(105,661,268)*	*(130,559,378)*	*(111,734,128)*	*(92,639,303)*	*(94,221,700)*
Overall Expenditure Rate	*31%*	*33%*	*36%*	*36%*	*32%*	*36%*	*38%*	*39%*	*39%*
Total Capital Expenditure [7]	(44,340,715)	(47,266,966)	(54,072,234)	(58,486,076)	(62,612,444)	(63,136,875)	(57,919,283)	(60,398,439)	(61,883,935)

King County Flood Control District

PRELIMINARY DRAFT 2019 - 2024 Six-Year CIP Project Allocations

Attachment H

6/20/2018

2015-2016 Flood Damage Repairs
Grant/External Funding
Cost Share
2018 Mid-Year Revision
King County Road Services Division Projects

No.	Title	Basin	Type of project	2017 Inception to Date Expenditure	2018 Inception to Date Budget	2018 Available Budget	2019 Requested	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	6-Year CIP Total	Project Life Total	Comments
1	WLFL0 MILLER R RD RVTMNT 2016 REPAIR	SF Skykomish	FCD Const	$237,560	$426,374	$188,814	$0	$0	$0	$0	$0	$0	$0	$426,374	Damage to revetment. Very large rock removed from revetment, vertical banks and exposed subgrade in several locations totaling approximately 350 feet of damage. If not repaired, Miller River Road could be severely damaged. Constructed 2017.
2	WLFL0 SF SKYKMSH REP LOSS MIT	SF Skykomish	FCD Acqu/Elev	$746,937	$745,404	($1,533)	$0	$0	$0	$0	$0	$119,405	$119,405	$864,809	This project will elevate or buyout individual structures in the South Fork Skykomish Basin to eliminate the risk of flooding or erosion damage during future flood events.
3	WLFL0 SKY W RVR DR FLOOD STUDY	SF Skykomish	FCD Const	$2,856	$81,237	$78,381	$0	$0	$0	$0	$0	$0	$0	$81,237	This project would improve infrastructure at the mouth of Maloney Creek and on the SF Skykomish River to reduce the frequency of flooding of homes and property within the Town of Skykomish.
4	WLFL0 SKYKOMISH LB DOWN 2016 REPAIR	SF Skykomish	FCD Const	$85,402	$150,000	$64,599	$0	$0	$0	$0	$0	$0	$0	$150,000	Approximately 50-foot-long section of missing armor rock immediately downstream of the bridge. Further flooding may compromise or severly damage facility.
5	WLFL0 SKYKOMISH LB UP 2016 REPAIR	SF Skykomish	FCD Const	$120,455	$309,433	$188,978	$0	$0	$0	$0	$0	$0	$0	$309,433	Three pockets of missing armor rock: 15, 10 and 75 feet wide and eroded topsoil from upper sections of levee. Further flooding may compromise or severely damage facility.
6	WLFL0 TIMBER LN EROSN BUYOUTS	SF Skykomish	FCD Acqu/Elev	$1,888,350	$2,809,874	$921,524	$0	$0	$0	$0	$0	$0	$0	$2,809,874	This project will continue to acquire and remove homes along a stretch of the Skykomish River that are endangered by erosive forces as well as inundation in some places.
7	WLFL0 TIMBERLANE 2016 REPAIR	SF Skykomish	FCD Const	$11,115	$16,040	$4,925	$455,000	$0	$0	$0	$0	$0	$455,000	$471,040	Project will lay back the privately-built rockery to reconstruct rock wall into stable revetment geometery. Will likely be implemented by the Strike Team.
8	WLFL1 428TH AVE SE BR FEASIBILITY	Upper Snoq	FCD Const	$294,894	$268,614	($26,280)	$0	$0	$0	$0	$0	$0	$0	$268,614	FCD-requested project to reduce neighborhood isolation from flooding. Develop a set of alternatives for improvements to 428th Avenue SE, SE 92nd Street, and Reinig Road to reduce the frequency of community isolation caused by floodwaters overtopping these roadways.
9	WLFL1 CIRCLE RVR RANCH RISK RED	Upper Snoq	FCD Const	$65,125	$428,505	$363,380	$111,660	$237,960	$257,550	$3,630,574	$0	$0	$4,237,744	$4,666,249	This project will determine a preferred action to reduce long term risks from channel migration in the Circle River Ranch Neighborhood on the South Fork Snoqualmie River. Being conducted concurrent with South Fork Snoqualmie Corridor Plan.
10	WLFL1 MASON THRSN EXT 2016 REPAIR	Upper Snoq	FCD Const	$111	$240,000	$239,889	$0	$0	$0	$0	$0	$0	$0	$240,000	Large scour hole in bank at upstream end of Mason Thorson Extension rock-faced levee. Significant settlement and displacement of face rock at upstream end of facility. Scour hole in bank threatens to end-run facility and damage adjacent private property. Damage to levee face-rock compromises levee integrity and may lead to progressive failure, especially at upstream end.
11	WLFL1 MF SNO CORRIDOR IMP	Upper Snoq	FCD Const	$954	$1,100,000	$1,099,046	$0	$1,162,249	$1,196,980	$511,733	$0	$0	$2,870,962	$3,970,962	Placeholder for corridor plan implementation project(s)
12	WLFL1 MF SNO CORRIDOR PLAN	Upper Snoq	FCD Const	$1,328,569	$1,824,912	$496,343	$0	$0	$0	$0	$0	$0	$0	$1,824,912	Middle Fork Snoqualmie Corridor Planning, scheduled for completion in 2018.
13	WLFL1 NORTH FORK BRIDGE 2016 REPAIR	Upper Snoq	Agreement	$171,125	$385,000	$213,875	$0	$0	$0	$0	$0	$0	$0	$385,000	The North Fork Bridge was originally built in 1951 and is extreamely vulnerable to scour as the channel thalweg migrates. In order to keep the bridge safe and reliable during a flood, it is important to protect the piers and abutments from scour failure.
14	WLFL1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	Agreement	$0	$0	$0	$200,000	$0	$0	$0	$0	$0	$200,000	$200,000	Initiate feasibility study to mitigate the risk of scour damage to the North Fork Bridge by retrofitting the existing structure with deep foundations or alternative risk mitigation strategies.
15	WLFL1 RECORD OFFICE 2016 REPAIR	Upper Snoq	FCD Const	$0	$350,000	$350,000	$637,835	$0	$0	$0	$0	$0	$637,835	$987,835	Repair downstream 200 lineal feet of facility which is missing face rock and toe rock. A significant scour hole has formed around a City of Snoqualmie stormwater outfall pipe at the downstream end of facility. Potential erosion impact to Park Ave SE in City of Snoqualmie, an area included in the City's planned "Riverwalk" park and trail project. Project implemented by City of Snoqualmie as part of Riverwalk project.
16	WLFL1 REIF RD 2016 REPAIR	Upper Snoq	FCD Const	$32,187	$253,000	$220,813	$0	$0	$0	$0	$0	$0	$0	$253,000	Length 50-80 feet. Face rock has appeared to have settled 1-2 feet exposing core material above near upper part of levee face. Larger face rock missing in pockets upstream end of this damage site. Continued damage could compromise facility which provides flood protection for several residences landward of the facility.
17	WLFL1 REIF RD LEVEE IMPROVEMENTS	Upper Snoq	FCD Const	$0	$0	$0	$0	$265,438	$318,421	$385,937	$457,218	$0	$1,427,014	$1,427,014	Conduct a feasibility study to determine ways of preventing the overtopping of the Reif Rd Levee. Potential solutions include: repair and/or raise levee in place / setback levee / gravel removal / home elevations.
18	WLFL1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	FCD Const	$28,042	$1,500,000	$1,471,958	$400,000	$264,166	$0	$0	$0	$0	$664,166	$2,164,166	Repair three primary damage sites just upstream and directly across from the South Fork Snoqualmie confluence totalling ~285 lineal feet.
19	WLFL1 RIBARY CREEK	Upper Snoq	FCD Const	$0	$0	$0	$636,492	$815,106	$2,338,618	$2,408,777	$0	$0	$6,198,993	$6,198,993	Address flooding from Ribary Creek at Bendigo Blvd in North Bend as the Snoqualmie levees prevent drainage to the river during high flows.
20	WLFL1 SF SNO CORR EARLY ACTION	Upper Snoq	FCD Const	$1,420,044	$1,523,089	$103,045	$0	$0	$0	$0	$0	$0	$0	$1,523,089	Project identified by Board to alleviate potential flooding of I-90 in North Bend. Currently evaluating project alternatives, including levee setback and gravel removal.
21	WLFL1 SF SNO CORRIDOR PLAN	Upper Snoq	FCD Const	$2,568,062	$2,682,914	$114,852	$0	$0	$0	$0	$0	$0	$0	$2,682,914	SF Snoqualmie Corridor planning process and development of capital investment strategy.

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22	WLFL1 SF SNO LEVEE REMEDIATION	Upper Snoq	FCD Const	$0	$295,673	$295,673	$92,327	$374,439	$727,790	$657,297	$0	$0	$1,851,853	$2,147,526	Six levee deficiencies have been identified in this leveed segment. The project will design and reconstruct the impaired segment of levee in place.
23	WLFL1 SHAKE MILL LB 2016 REPAIR	Upper Snoq	FCD Const	$15,658	$600,000	$584,342	$1,895,012	$0	$0	$0	$0	$0	$1,895,012	$2,495,012	Total breach of levee - erosion and lateral channel migration is ongoing. No immediately adjacent private property or infrastructure. Continued erosion could threaten 428th Ave embankment or bridge.
24	WLFL1 SHAKE MILL RB 2016 REPAIR	Upper Snoq	FCD Const	$0	$370,399	$370,399	$0	$0	$0	$0	$0	$0	$0	$370,399	Between 428th St Bridge and Tate Creek, several locations on levee where toe-rock dislodged and corresponding minor bank erosion along 50-60 feet of river bank. Actual gaps range between 6-10 feet. Missing toe rock compromises levee integrity, increasing its vulnerability to further scour and potential failure. Failure of this facility could result in damage to a heavily used county road (428th Ave SE). Scheduled for 2018 construction.
25	WLFL1 SI VIEW RM4 2017 REPAIR	Upper Snoq	FCD Const	$0	$209,000	$209,000	$0	$0	$0	$0	$0	$0	$0	$209,000	Repair approximately 25 lineal feet of the facility with missing toe rock and shallow scour scallop into bank that is approximately 1-2 feet deep. Si View Levee is a relatively short flood containment levee that protects 50+ homes in the Si View Park Neighborhood of North Bend from flooding. Project scheduled for 2018 construction.
26	WLFL1 SR202 SF BRIDGE LENGTHEN	Upper Snoq	FCD Const	$0	$0	$0	$0	$0	$0	$0	$0	$100,000	$100,000	$100,000	Placeholder funding to partner with WSDOT to expand bridge SR202 opening over South Fork Snoqualmie and Ribary Creek to improve conveyance and reduce upstream flood impacts. Supported by North Bend. Requires state or federal funding. Relative contribution of this project is being evaluated in the SF Snoqualmie Corridor Plan.
27	WLFL1 TATE CRK BRIDGE FEASIBILITY	Upper Snoq	Agreement	$0	$0	$0	$0	$0	$0	$0	$150,000	$0	$150,000	$150,000	Prepare a Concept Development Report (CDR) to analyze and select best span/alignment replacement bridge and road-raising option as the current bridge does not provide enough hydraulic opening due to the transport of sediments and water overtops the approaches during floods.
28	WLFL1 UPPER SNOQ 2015 FLOOD REPAIR	Upper Snoq	FCD Const	$509,922	$1,481,123	$971,201	$0	$0	$0	$0	$0	$0	$0	$1,481,123	Flood damage repairs from January 2015 flood event. Locations include Mason-Thorson Ells and Mason-Thorson Extension (Middle Fork Snoqualmie); North Park (North Fork Snoqualmie); and Record Office, Meadowbrook, and Railroad (Snoqualmie mainstem).
29	WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	FCD Acqu/Elev	$9,748,621	$13,425,442	$3,676,821	$1,827,951	$2,412,151	$2,484,516	$2,559,051	$2,635,823	$2,714,897	$14,634,389	$28,059,831	This project will continue to acquire or elevate flood-prone structures in the Upper Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage. Partnership with Cities of Snoqualmie and North Bend. As of May 2016 260 remain to be elevated or acquired. This amount assumes 10-12 home elevations per year.
30	WLFL1 USACE PL 84-99 SF SNO	Upper Snoq	FCD Const	$0	$150,223	$150,223	$183,154	$352,868	$363,454	$0	$0	$0	$899,476	$1,049,699	Ensure eleven South Fork Snoqualmie River levees meet the standards of the US Army Corps of Engineers PL 84-99 program in order to receive future assistance from the Corps in the event of flood damage to the levees..
31	WLFL2 DUTCHMAN RD REPAIR	Lower Snoq	FCD Const	$0	$548,593	$548,593	$0	$0	$0	$0	$0	$0	$0	$548,593	Repair approximately 200 feet of revetment. Dutchman Road in this location provides the sole access to residences and business on the west side of the Snoqualmie Valley downstream of Duvall. Continued erosion of the revetment could result in erosion of the road (West Snoqualmie Valley Road NE) which would severely limit access to the downstream property owners during or following a flood event.
32	WLFL2 DUVALL BRIDGE 1136A	Lower Snoq	Agreement	$9,244	$150,000	$140,756	$0	$0	$0	$0	$0	$0	$0	$150,000	The foundation of the main-span pier is exposed and is vulnerable to destabilization during a flood. Add scour mitigation measures to protect footing. Bridge crosses the Snoqualmie River at Duvall and is the city's primary route.
33	WLFL2 FARM FLOOD TSK FORCE IMP	Lower Snoq	FCD Const	$759,345	$875,617	$116,272	$104,186	$115,214	$118,670	$122,230	$125,897	$129,674	$715,871	$1,591,488	This project provides technical and cost-sharing assistance to residential and agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads, elevations of homes, and elevation or flood proofing of agricultural structures.
34	WLFL2 L SNO REP LOSS MITGTION	Lower Snoq	FCD Acqu/Elev	$1,269,231	$1,695,671	$426,440	$0	$0	$0	$0	$0	$0	$0	$1,695,671	Funding as possible local match for FEMA grants to elevate or acquire at-risk structures.
35	WLFL2 L SNO/ALDAIR CORRDOR PLN	Lower Snoq	FCD Const	$5,860,655	$7,365,814	$1,505,159	$0	$636,540	$0	$0	$0	$0	$636,540	$8,002,354	Cost-shared contribution to multiple levee setbacks and high priority flood risk reduction acquisitions in the Fall City reach of the Lower Snoqualmie. Projects reduce flood and erosion risk to revetments, roads, and landowners. FCD expenditure leverages habitat restoration funding from other sources.
36	WLFL2 LWR SNO RESDL FLD MITGTN	Lower Snoq	FCD Acqu/Elev	$2,151,873	$3,278,317	$1,126,444	$265,292	$530,450	$546,363	$562,754	$579,637	$597,026	$3,081,522	$6,359,839	This project provides technical and cost-sharing assistance to residential and agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads, elevations of homes, and elevation or flood proofing of agricultural structures.
37	WLFL2 SE 19TH WAY REVETMENT	Lower Snoq	FCD Const	$595,008	$1,706,294	$1,111,286	$0	$0	$0	$0	$0	$0	$0	$1,706,294	Rebuild revetment to protect road access to high value agricultural operations and lands. Construction scheduled for 2018.
38	WLFL2 SE DAVID POWELL RD DOWNSTREAM	Lower Snoq	FCD Const	$588,184	$1,036,456		$0	$0	$0	$0	$0	$0	$0	$1,036,456	FCD-requested project to reduce neighborhood isolation from flooding. Prevent slope failure of sole access roadway that would isolate 150 homes.
39	WLFL2 SE DAVID POWELL RD UPSTREAM	Lower Snoq	Agreement	$133,968	$950,000	$816,032	$1,100,000	$0	$0	$0	$0	$0	$1,100,000	$2,050,000	The river is scouring the road away and David Powell Road is collapsing into the river. This project will repair an existing failing revetment and extend MSE wall to prevent undercutting of the riverbank and roadway.
40	WLFL2 SE FISH HATCHERY RD	Lower Snoq	FCD Const	$451,804	$527,905	$76,101	$0	$0	$0	$0	$0	$0	$0	$527,905	FCD-requested project to reduce neighborhood isolation from flooding. Prevent slope failure of sole access roadway that would isolate 20-30 homes.
41	WLFL2 SINNEMA QUAALE 2011 REPR	Lower Snoq	FCD Const	$12,432,743	$12,508,516	$75,773	$0	$0	$0	$0	$0	$0	$0	$12,508,516	Large capital project to repair 1000 linear feet of the Sinnema Quaale Upper revetment. Protects SR 203, two regional fiber optic lines, and Snoqualmie Valley Trail. Construction to be completed in 2017; project anticipated to be closed out in 2018.

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42	WLFL2 SNOQUALMIE VALLEY FEASIBILITY	Lower Snoq	Agreement	$0	$0	$0	$0	$0	$250,000	$250,000	$0	$0	$500,000	$500,000	Regional flooding in the Snoqualmie Valley cuts off access to eastern cities. Determine which major roadway(s) that cross the Snoqualmie Valley would be the most cost effective to improve in the valley with chronic flood issues impacting over 25,000 daily drivers.
44	WLFL2 STOSSEL LONG TERM REPAIR	Lower Snoq	FCD Const	$0	$0	$0	$200,000	$170,000	$500,000	$2,500,000	$0	$0	$3,370,000	$3,370,000	Placeholder costs for long-term facility improvement project to prevent erosion undermining 310th Ave NE.
45	WLFL2 TOLT PIPELINE PROTECTION	Lower Snoq	FCD Const	$2,917,631	$9,433,916	$6,516,285	$41,200	$0	$0	$0	$0	$0	$41,200	$9,475,116	This project will repair approximately 800 linear feet of the Winkelman (formerly RM 13.5) revetment. Erosion along the right bank of the Snoqualmie River channel threatens to undermine the Seattle Public Utilities water supply line at this location south of Duvall. Construction scheduled for 2018.
46	WLFL2 WOODINVILLE DUVALL BR 1136B/1136	Lower Snoq	Agreement	$15,078	$400,000	$384,922	$0	$0	$0	$0	$0	$0	$0	$400,000	These two bridges are subject to having the roadway approach fill wash out during a flood. Excavate approaches and rebuild approaches to prevent loosing approaches during flooding. A similar repair was done on Woodinville-Duvall Bridge No. 1136D.
47	WLFL3 FREW LEVEE 2016 REPAIR	Tolt	FCD Const	$66,450	$252,000	$185,550	$0	$0	$0	$0	$0	$0	$0	$252,000	Face rock displaced along approximately 50 feet of levee face. Some core material appears to have been lost, resulting in an oversteepened bank relative to upstream and downstream undamaged levee sections. Top of damaged face approximately 6 feet from edge of gravel trail. Continued erosion will cut off popular riverside trail. Potential impact to highway if facility breaches during a major flood. Scheduled for 2018 construction.
48	WLFL3 GIRL SCOUT LEVEE 2016 REPAIR	Tolt	FCD Const	$745	$311,000	$310,255	$0	$0	$0	$0	$0	$0	$0	$311,000	Repair approximately 20 feet of face and toe rock dislodged from Girl Scout Camp levee revetment below side channel confluence with mainstem. Missing face and toe rock compromises levee integrity, increasing its vulnerability to further scour and potential failure. Scheduled for 2018 construction.
49	WLFL3 HOLBERG FEASIBILITY	Tolt	FCD Const	$750	$200,000	$199,250	$0	$0	$0	$0	$0	$0	$0	$200,000	Feasibility study to determine the nature and extent of levee improvements necessary to remove four homes in unincorporated King County from the regulatory Channel Migration Zone as mapped in the March 2017 Draft Tolt River Channel Migration study
50	WLFL3 LOWER FREW LEVEE SETBACK	Tolt	FCD Const	$93,007	$1,411,000	$1,317,993	$478,664	$1,470,384	$0	$0	$0	$0	$1,949,048	$3,360,048	Capital Investment Strategy: Design, based on level of service analysis, the highest priority levee setback for flood risk reduction. FCD 6-year includes funds needed for grant match for future grant applications.
51	WLFL3 LOWER TOLT RIVER ACQUISITION	Tolt	FCD Acqu/Elev	$529,475	$744,475	$215,000	$0	$0	$0	$0	$0	$0	$0	$744,475	Acquisition between the Swiftwater development and the river for the future setback of the Upper Frew Levee
52	WLFL3 REMLINGER LEVEE 2017 REPAIR	Tolt	FCD Const	$0	$311,000	$311,000	$0	$0	$0	$0	$0	$0	$0	$311,000	Damage is approximately 60 lineal feet of the facility with missing toe rock and undermined face rock near the Snoqualmie Valley Trail. The damage is at the downstream end of Remlinger facility and a breach or continued erosion would increase flooding impacts on portions of the Remlinger property. Scheduled for 2018 construction.
53	WLFL3 RIO VISTA PROPERTY ACQ	Tolt	FCD Acqu/Elev	$0	$500,000	$0	$0	$0	$0	$0	$0	$500,000	$500,000	$1,000,000	Capital Investment Strategy: Acquire 2 at-risk homes from willing sellers; acquire remaining 14 homes as funds become available.
54	WLFL3 SAN SOUCI NBRHOOD BUYOUT	Tolt	FCD Acqu/Elev	$4,198,636	$5,553,353	$1,354,717	$0	$0	$0	$0	$0	$0	$0	$5,553,353	This project will buyout remaining properties and remove all homes and privately-constructed rubble levee at upstream end of the community access road, ultimately completing project initiated 20 years ago by others. When completed, will result in removing approximatlely 20 homes from high hazard areas within and just upstream and downstream of San Souci neighborhood.
55	WLFL3 SAN SOUCI REACH IMPRVMNTS	Tolt	FCD Const	$0	$100,000	$0	$60,000	$190,000	$700,000	$700,000	$750,000	$0	$2,400,000	$2,500,000	Capital Investment Strategy: Construct Tolt Road NE road elevation in one location. Remove illegal revetment and roads in San Souci neighborhood.
56	WLFL3 SEDIMENT MGMT FEAS	Tolt	FCD Const	$0	$209,605	$209,605	$193,200	$0	$0	$0	$0	$0	$193,200	$402,805	Capital Investment Strategy: Conduct sediment management feasibility study and develop a plan. Update and include upper watershed sediment production estimates
57	WLFL3 SR 203 BR IMPRVMNTS FEAS	Tolt	FCD Const	$0	$205,743	$205,743	$190,157	$0	$0	$0	$0	$0	$190,157	$395,900	Capital Investment Strategy: Initiate study (with potential future design and construct) to add bridge span(s), raise the highway and relocate King County Parks parking area.
58	WLFL3 TOLT 2015 FLOOD REPAIRS	Tolt	FCD Const	$46,909	$900,000	$853,091	$0	$0	$0	$0	$0	$0	$0	$900,000	Flood damage repairs from January 2015 flood event. Locations include Frew, Upper Frew, Remlinger, and Girl Scout Camp.
59	WLFL3 TOLT CORRIDOR PLAN	Tolt	FCD Const	$1,134,500	$1,153,657	$19,157	$0	$0	$0	$0	$0	$0	$0	$1,153,657	The corridor plan for the lower 6 miles of the Tolt River will develop a prioritized implementation strategy for near-term and long-term floodplain management actions. Scheduled for adoption in 2017.
60	WLFL3 TOLT R LEVEE L.O.S. ANALYSIS	Tolt	FCD Const	$78,484	$553,250	$474,766	$160,234	$0	$0	$0	$0	$0	$160,234	$713,484	Capital Investment Strategy: Conduct a detailed hydraulic analysis to optimize the elevation of new levees to maximize flood risk reduction benefits
61	WLFL3 TOLT R MILE 1.1 SETBACK	Tolt	FCD Acqu/Elev	$4,110,305	$4,906,106	$795,801	$200,000	$0	$0	$0	$0	$0	$200,000	$5,106,106	Acquisition funding for high risk properties in levee setback project area. Project priorities will be determined by the Board through adoption of the Tolt Corridor Plan.
62	WLFL3 TOLT R NATURAL AREA ACQ	Tolt	FCD Acqu/Elev	$1,671,614	$2,985,067	$1,313,453	$101,547	$106,090	$0	$0	$0	$0	$207,637	$3,192,704	Capital investment strategy: acquire at-risk homes from willing sellers.
63	WLFL3 TOLT R RD ELEVATION FEASIBILITY	Tolt	FCD Const	$45,001	$250,000	$204,999	$0	$0	$0	$0	$0	$0	$0	$250,000	FCD-requested project to reduce neighborhood isolation from flooding. Evaluate feasibility of elevating sections of Tolt River Road.
64	WLFL3 TOLT R RD NE IMPROVEMENTS	Tolt	FCD Const	$0	$0	$0	$0	$53,045	$109,273	$236,357	$927,419	$1,200,000	$2,526,094	$2,526,094	Capital Investment Strategy: Initiate design for elevation of one road location to reduce or eliminate isolation. Implement additional road elevations as funds become available.
65	WLFL3 UPPER FREW LEVEE SETBACK	Tolt	FCD Const	$0	$0	$0	$0	$106,090	$109,273	$168,826	$0	$0	$384,189	$384,189	Capital Investment Strategy: Initiate the levee setback design in order to apply for grant funding. Levee setback to increase sediment storage and floodwater conveyance; protect adjacent development; reduce damage to trail bridge.
66	WLFL4 ALPINE MANOR NEIGHBORHOOD BUY	Raging	FCD Acqu/Elev	$1,753,460	$2,686,407	$932,947	$0	$0	$0	$0	$0	$0	$0	$2,686,407	Acquisition of single-family homes and future acquisition of mobile home park at risk of channel migration along the Raging River in the Alpine Manor neighborhood.

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67	WLFL4 RAGING MOUTH TO BR 2017 REPAIR	Raging	FCD Const	$0	$500,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$500,000	Repair 150 lineal feet of discontinuous damage and missing toe rock. The levee protects the landward area from flooding and serves as the road embankment for Dike Rd, an access road to the Fall City boat launch. The damaged levee section is immediately adjacent to the Twin Rivers golf course barn, which would experience greater flooding if the levee were breached. Scheduled for 2018 construction.
68	WLFL4 RAGING R BRIDGE 1008E	Raging	Agreement	$25,062	$80,000	$54,938	$0	$0	$0	$0	$0	$0	$0	$80,000	This bridge has a history of scour damage. One of the arch foundations is exposed. Repair scour mitigation measures to protect the footing. It serves only one house but is a designated King County Landmark.
69	**Snoqualmie-South Fork Skykomish Subtotal**	$0	$0	$60,215,149	$95,916,018	$34,652,596	$9,533,911	$9,262,190	$10,020,908	$14,693,536	$5,625,994	$5,361,002	$54,497,541	$150,413,559	
70															
71															
72	WLFL5 NE 8TH ST AT LAKE ALLEN OUTLET	Sammamish	Agreement	$0	$0	$0	$0	$400,000	$1,400,000	$1,000,000	$0	$0	$2,800,000	$2,800,000	To address chronic flooding on this sole access roadway with approximately 200 properties, look at upstream and downstream retention/detention options; study road-raining options; prepare Concept Development Report, analyze and select best options.
73	WLFL5 SAMMAMISH R BANK REPAIRS	Sammamish	FCD Const	$304,373	$1,141,824	$837,451	$2,652	$0	$0	$0	$0	$0	$2,652	$1,144,476	Repair and stabilize two short sections of the right riverbank near I-405 to protect the regional Sammamish River trail. Work is being coordinated with Parks. Full permitting will be required as work will be below OHW, plus an updated easement will be required from WSDOT and FHWA due to I-405 proximity. Construction is targeted for summer 2016 and will likely require detouring trail users to adjacent roads.
74	WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	FCD Const	$1,454,905	$2,536,268	$1,081,363	$1,684,709	$2,011,665	$0	$0	$0	$0	$3,696,374	$6,232,642	Willowmoor Floodplain Restoration Project seeks to reduce the frequency and duration of high lake levels in Lake Sammamish while maintaining downstream Sammamish River flood control performance and enhancing habitat. The project will reconfigure the Sammamish transition zone to ensure ongoing flow conveyance, downstream flood control, potential extreme lake level reduction, habitat conditions improvement, and reduction of maintenance impacts and costs. In June 2016 the Executive Committee approved a motion (2016-04) authorizing 30% design of the split-channel alternative including various design elements such as variable depth pools, cold water supplementation, and other elements itemized in the motion. Project costs will be updated when the 30% design is complete in December 2018.
75	WLFL6 FIFTEENMILE CRK BRIDGE 493C	Lk Wash Tribs	Agreement	$0	$150,000	$150,000	$0	$0	$0	$0	$0	$0	$0	$150,000	Feasibility analysis to identify potential solutions to bank erosion and backwatering problems at bridge.
76	WLFL6 LOWER COAL CRK PH I	Lk Wash Tribs	Agreement	$1,980,959	$9,553,751	$7,572,792	$3,107,841	$185,377	$114,800	$90,500	$63,800	$1,111,931	$4,674,249	$14,228,000	Increase conveyance capacity at the five box culvert crossings. Disconnect local storm drainage outfall from Coal Creek and redirect them to Lake Washington. Implemented by City of Bellevue. Expenditure forecast to be updated based on current project schedule.
77	WLFL6 MAY VALLEY DRAINAGE IMPRVMNT	Lk Wash Tribs	FCD Const	$0	$80,000	$80,000	$0	$0	$0	$0	$0	$0	$0	$80,000	As recommended in the May Creek Basin Plan, two sediment trap facilities will be evaluated to limit sediment loading from two May Creek tributaries. Both projects would require land acquisition, whether easement or property purchase.
78	WLFL7 CDR PRE-CONST STRTGC ACQ	Cedar	FCD Acqu/Elev	$2,573,767	$4,330,532	$1,756,765	$0	$0	$0	$0	$0	$1,200,000	$1,200,000	$5,530,532	This project will acquire strategic real estate upon which several large Flood Control District capital projects are dependent, namely the levee setback projects at the Herzman, Jan Rd, Rhode, Getchman, and Rutledge-Johnson Lower Jones Rd levee segments. Acquisition funding related to these projects is now included in the individual capital projects.
79	WLFL7 CEDAR LEVEE SETBACK FEAS (Cedar	Cedar	FCD Const	$1,853,797	$1,987,587	$133,790	$0	$0	$0	$0	$0	$0	$0	$1,987,587	This six-year flood risk reduction capital investment strategy will cover the Cedar River valley from Landsburg Road SE (River Mile 22) to Lake Washington. Plan was completed in 2018 with expected close out 2018 or 2019.
80	WLFL7 CEDAR RES FLOOD MITIGATION	Cedar	FCD Acqu/Elev	$0	$0	$0	$0	$0	$0	$0	$0	$800,000	$800,000	$800,000	Elevate or acquire highest risk and repetitive loss properties from willing sellers. Elevate or purchase approximately 2 homes each year.
81	WLFL7 CEDAR R REP LOSS MITGATN	Cedar	FCD Acqu/Elev	$3,182,200	$3,788,422	$606,222	$0	$0	$0	$0	$0	$0	$0	$3,788,422	Acquire frequently-flooded homes. Placeholder funding until District adopts acquisition policy.
82	WLFL7 CEDAR RIVER TRAIL SITE A BANK	Cedar	FCD Const	$0	$0	$0	$100,000	$100,000	$200,000	$490,000	$0	$0	$890,000	$890,000	Capital Investment Strategy: Repair eroded section of left bank with bioengineered revetment to stabilize toe of bank and to prevent large scale bank failure.
83	WLFL7 CEDAR RVR GRAVEL REMOVAL	Cedar	Agreement	$9,638,127	$11,102,885	$1,464,758	$962,613	$104,880	$445,679	$111,267	$114,605	$0	$1,739,044	$12,841,929	The project will ensure the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action for the Army Corps of Engineers 205 Flood Control Project. Project costs were updated in March 2016.
84	WLFL7 CITY OF RENTON LEVEE CERTIFICAT	Cedar	Agreement		$750,000	$750,000	$3,000,000	$1,250,000	$0	$0	$0	$0	$4,250,000	$5,000,000	Placeholder for Renton levee certification projects. Renton will begin engineering in 2018, construction start in 2019. Budget needs may change in future pending engineering and FEMA acceptance of approach.
85	WLFL7 ELLIOTT BR LEVEE SETBACK	Cedar	FCD Const	$2,168,073	$2,168,073	$0	$0	$0	$0	$0	$0	$0	$0	$2,168,073	Purpose of the project is to setback levees on both sides of the river below the Elliott/154th ST Bridge. Based on the Cedar Capital Investment Strategy this project is no longer scheduled for the near-term 6-year timeframe.
86	WLFL7 FBD CORRIDOR IMPLEMENTATION	Cedar	FCD Acqu/Elev	$3,001,014	$6,511,784	$3,510,770	$0	$0	$0	$0	$0	$0	$0	$6,511,784	Washington State Floodplains by Design grant from the Department of Ecology. The project will buyout residents in high risk areas, increase the capacity for flood storage, and provide corresponding environmental improvements. The project has cost-share funding from the City of Seattle. Also funds design elements of the Herzman project and Riverbend.

No.	Title	Basin	Type of project	2017 Inception to Date Expenditure	2018 Inception to Date Budget	2018 Available Budget	2019 Requested	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	6-Year CIP Total	Project Life Total	Comments
87	WLFL7 HERZMAN LEVEE SETBACK	Cedar	FCD Const	$0	$944,872	$944,872	$321,604	$3,969,652	$0	$0	$0	$0	$4,291,256	$5,236,128	Capital Investment Strategy: Setback levee; excavate side-channel to reduce pressure on revetment; reconstruct, reinforce and/or extend revetment; acquire up to 5 properties.
88	WLFL7 JAN ROAD NEIGHBORHOOD	Cedar	FCD Const	$0	$900,000	$900,000	$489,405	$626,956	$3,659,210	$452,157	$1,532,360	$25,147	$6,785,235	$7,685,235	Capital Investment Strategy: Suite of solutions to be determined as part of feasibility study. Includes raise road, partial removal of Jan Road levee, contruction of side channel, and mitigation of at-risk properties. Construction phased for mitigation in 2021 and other improvements in 2023.
89	WLFL7 LOWER CEDAR FEASIBILITY STUDY	Cedar	FCD Const	$0	$200,000	$200,000	$200,000	$100,000	$0	$0	$0	$0	$300,000	$500,000	Capital Investment Strategy: Conduct feasibility study of Lower Cedar reach in City of Renton to 1) quantity economic damage potential 2) determine infrastructure modifications to improve flood resiliency and sediment storage potential, and 30 conduct cost-benefit analysis.
90	WLFL7 LOWER JONES ROAD NEIGHBORHOO	Cedar	FCD Const	$0	$3,093,792	$3,093,792	$0	$830,633	$215,819	$701,793	$242,142	$4,676,985	$6,667,372	$9,761,164	Capital Investment Strategy: Raise in place or setback Jones Road; excavate and stabilize right bank to increase conveyance capacity; reinforce one revetment; remove portion of another revetment; acquire 8 at risk properties Construction delayed to 2024 to accomodate Jan Rd construction in 2021 or 2022.
91	WLFL7 MAPLEWOOD FEASIBILITY STUDY	Cedar	FCD Const	$56,732	$440,000	$383,268	$23,151	$0	$0	$0	$0	$0	$23,151	$463,151	Capital Investment Strategy: Conduct site specific landslide risk assessment study; conduct a feasibility study to evaluate opportunities to modify the Erickson Levee. Pending results of landslide hazard analysis, FCD will consider options for a project.
92	WLFL7 RIVERBEND MHP ACQ	Cedar	FCD Const	$4,044,614	$5,357,042	$1,312,428	($126,000)	$0	$0	$0	$0	$0	($126,000)	$5,231,042	This project represents the Flood District contribution to a larger project that relocates mobile home park tenants and initiates preliminary engineering design for potential levee setback / realignment to reduce flood heights, velocities and channel migration risk in this reach. Disappropriate remainder after FCD portion of scope is complete.
93	WLFL7 SE 162ND AVE AT 266TH CT	Cedar	Agreement	$124,605	$400,000	$275,395	$700,000	$1,400,000	$0	$0	$0	$0	$2,100,000	$2,500,000	To address a culvert failure affecting approximately 10 properties, prepare Concept Development Report to analyze and select best culvert replacement and road-raising option; and analyze upstream and downstream retention/detention impacts.
94	WLFL7 SR 169 FEASIBILITY STUDY	Cedar	FCD Const	$17,211	$321,800	$304,589	$325,000	$0	$0	$0	$0	$0	$325,000	$646,800	Conduct feasibility study in coordination with WSDOT to evaluate flood risk reduction opportunities, such as elevating SR 169, upgrading the local drainage infrastructure, and / or installation of back flow prevention gates. Funding added in 2019 pending FCD decision to move forward with preliminary design.
95	**Cedar-Sammamish Subtotal**			$30,400,376	$55,758,632	$25,358,255	$10,790,975	$10,979,163	$6,035,508	$2,845,717	$1,952,907	$7,814,063	$40,418,333	$96,176,965	
96															
97															
98	WLFL8 BRISCOE LEVEE SETBACK	Green	Agreement	$20,478,565	$23,330,271	$2,851,706	$0	$0	$0	$0	$0	$0	$0	$23,330,271	Floodwall construction at four locations completed by the City of Kent. Final expenditures for the remainder of 2017 will include reimbursement for property acquisition and riparian plantings. The revised 2017 financial plan includes revenue of $4.1 million for the sale of the Rivers Edge Business Park. Per FCD 2016-20 Section 6, this revenue makes expenditure authority available for the Lower Russell Levee Setback project. The Briscoe project will be closed out once the District's ILA with Kent expires in 2018.
99	WLFL8 BRPS BLACK R PUMP STATION	Green	FCD Const	$5,157,701	$5,145,042	($12,659)	$0	$0	$0	$0	$0	$0	$0	$5,145,042	Expenditures here include sediment removal, fuel system upgrades, life-cycle efficiency analysis to inform future upgrades, and priority items from recently completed needs assessment (2015). New line items established below to account for discrete project elements.
100	WLFL8 BRPS CONTROL BLDG RPLCMT	Green	FCD Const	$0	$530,368	$530,368	$278,530	$1,276,092	$7,577,624	$25,887	$0	$0	$9,158,133	$9,688,501	This project will design and build the second phase of renovations to the Black River pump station. Major components include replacement of the control building, replacement of the trash rake system, and replacement of the screen spray system.
101	WLFL8 BRPS FISH PASS IMPRVMNTS	Green	FCD Const		$0	$0	$0	$10,000	$831,751	$2,241,456	$6,316,655	$3,546,752	$12,946,614	$12,946,614	This project will design and build the fourth phase of renovations to the Black River pump station, revising and replacing the obsolete fish passage systems.
102	WLFL8 BRPS HIGH-USE ENGINES	Green	FCD Const	$44,098	$474,079	$429,981	$1,970,371	$0	$0	$0	$0	$0	$1,970,371	$2,444,450	This project will design and build the first phase of renovations to the Black River pump station, replacing the three smaller pump engines which run much more frequently than the other, larger pump engines.
103	WLFL8 BRPS SUPPORT SYS UPGRADES	Green	FCD Const		$0	$0	$0	$175,261	$822,168	$779,584	$26,663	$0	$1,803,676	$1,803,676	This project will design and build the third phase of renovations to the Black River pump station, replacing support systems such as engine control panels, cooling systems, oilers and hoists.
104	WLFL8 DESIMONE USACE 2015	Green	Agreement	$884,958	$1,639,698	$754,740	$0	$0	$0	$0	$0	$0	$0	$1,639,698	Cost-share flood damage repair from March 2014 high flows with Corps of Engineers. Constructed in 2016.
105	WLFL8 DYKSTRA USACE 2015	Green	Agreement	$640,200	$699,551	$59,351	$0	$0	$0	$0	$0	$0	$0	$699,551	Cost-share flood damage repair from March 2014 high flows with Corps of Engineers. Constructed in 2016.
106	WLFL8 GALLI-DYKSTRA FEAS STUDY	Green	FCD Const	$0	$0	$0	$330,000	$0	$0	$0	$0	$0	$330,000	$330,000	Conduct a feasibility study to raise the levee providing 100-year flood protection plus 3 feet of freeboard, per a request from the City of Auburn
107	WLFL8 GREEN PRE-CONST ACQ	Green	FCD Acqu/Elev	$368,856	$5,368,856	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$30,000,000	$35,368,856	This project will acquire strategic real estate upon which future large Flood Control District capital projects are dependent, thereby reducing risks to construction schedules for those projects.
108	WLFL8 GREEN R PL84-99 MITIGATN	Green	FCD Const	$4,055,796	$5,660,541	$1,604,745	$0	$0	$0	$0	$0	$0	$0	$5,660,541	This project will result in actions to mitigate environmental damage from tree cutting during 2008-9 (as required by permitting agencies) to maintain eligibility for US Army Corps of Engineers PL84-99 program. The current mitigation effort is the Teufel project scheduled for 2018 construction.

No.	Title	Basin	Type of project	2017 Inception to Date Expenditure	2018 Inception to Date Budget	2018 Available Budget	2019 Requested	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	6-Year CIP Total	Project Life Total	Comments
109	WLFL8 HSB BREDA SETBACK KENT	Green	Agreement	$29,811	$4,277,674	$4,247,863	$481,279	$2,405,032	$953,513	$23,435	$0	$0	$3,863,259	$8,140,933	New project to implement interim SWIF adopted by Board of Supervisors.This project will reconstruct the Horseshoe Bend Levee at the Breda reach (RM 24.46-24.72) to a more stable configuration in order to reduce flood risk to the surrounding areas. The project will also raise levee crest elevations to contain the 500-year (0.2% annual chance) flood. This segment of the levee has the lowest factor of safety rating of the Horseshoe Bend levee.
110	WLFL8 HSB MCCOY REALIGNMENT	Green	FCD Const	$0	$400,000	$400,000	$0	$0	$0	$0	$0	$0	$0	$400,000	New project to implement interim SWIF adopted by Board of Supervisors.This PL 84-99 levee segment contains a 'Minimally acceptable' rating by the USACE due to a slope deficiency at RM 24.3 (oversteepened slopes from 1.3 to 1.7H:1V for 500 feet). The City of Kent constructed a secondary containment levee in this reach, set back from the river's edge, which is currently not part of the federal levee. The only remaining structure between the two levees is a Puget Sound Energy facility. The Horseshoe Bend Levee Certification Report calculated Factor of Safety (FOS) values for rapid drawdown of 1.08 and 1.55 at about RM 24.3 and RM 24.4, respectively. River bed scour in this reach between 1986 and 2011 is 2.7 feet at RM 24.24. Funding of $400,000 covers the cost of major modification to the federal levee so that the City of Kent's secondary containment levee can be incorporated into the federal levee project.
111	WLFL8 HSB NURSING HOME SETBACK	Green	FCD Const	$0	$0	$0	$0	$0	$100,000	$2,000,000	$500,000	$0	$2,600,000	$2,600,000	New project to implement interim SWIF adopted by Board of Supervisors.The Nursing Home levee is over-steepened and does not meet current engineering standards. The economic consequence of levee failure or overtopping to the lower Green River valley is extensive and could cause tens of millions of dollars in damage. This capital project area contains a 'Minimally Acceptable' deficiency by the US Army Corps of Engineers at RM 25. 5 (over steepened slopes from 1. 25 to 1. 7H:1V for 225 feet). The Horseshoe Bend Levee Certification Report calculated a Factor of Safety (FOS) value for rapid drawdown of 1. 01 at RM 25. 57 (Section F). This is barely above the minimum FOS (1. 0) from the US Army Corps of Engineers manual.
112	WLFL8 INTERIM SWIF IMPLEMENTATION	Green	FCD Const	$2,650	$30,000	$27,350	$0	$0	$0	$0	$0	$0	$0	$30,000	Coordination and planning activities to implement recommendations of interim SWIF. Maintenance work associated with the interim SWIF is included in the operating budget.
113	WLFL8 LONES LEVEE	Green	FCD Const	$0	$0	$0	$500,000	$0	$0	$0	$0	$0	$500,000	$500,000	Contribute the partial cost of a repair ($500,000) to a levee setback project. By relocating the levee, future repair costs for the Flood Control District are reduced.
114	WLFL8 LOWER RUSSELL ACQ KENT	Green	Agreement	$0	$1,000,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$1,000,000	Acquisitions by the City of Kent for the Lower Russell levee setback project.
115	WLFL8 LWR GRN R CORRIDOR PLAN/EIS	Green	FCD Const	$129,701	$1,743,249	$1,613,548	$0	$0	$0	$0	$0	$0	$0	$1,743,249	Lower Green River Corridor Planning and Environmental Impact Statement.
116	WLFL8 LWR RUSSELL LEVEE SETBACK	Green	FCD Const	$10,792,961	$14,555,938	$3,762,977	$14,106,596	$18,141,389	$83,375	$0	$0	$0	$32,331,360	$46,887,298	Remove and replace the existing flood containment system of levee and revetments along the right (east) bank of the Green River between river mile 17.85 (S 212th St) and river mile 19.25 (S 231st Way) in the City of Kentr to provide long-term flood protection and improve riparian and aquatic habitat. Increased expenditure authority to match interim SWIF adopted by Board of Supervisors.
117	WLFL8 MILWAUKEE LEVEE #2-KENT	Green	Agreement	$108,711	$8,500,000	$8,391,289	$0	$0	$0	$0	$0	$0	$0	$8,500,000	Prepare an analysis and study of design and construction alternatives to provide flood protection, scour protection, enable levee certification and secure necessary land rights. Current ILA with Kent for this first phase is $3.65 million, the ILA assumes that the total project cost is $8.5 million.
118	WLFL8 OLD JEFFS FARM REVETMENT	Green	FCD Const	$171,983	$2,026,802	$1,854,819	$0	$0	$0	$0	$0	$0	$0	$2,026,802	This project will conduct a feasibility analysis of channel migration hazards from river mile 21.1 to 21.7. No design or construciton funding at this time.
119	WLFL8 PATTON BRIDGE 3015	Green	Agreement	$47,524	$150,000	$102,476	$0	$0	$0	$0	$0	$0	$0	$150,000	This project will address scour damage to the bridge, which is on the primary through route of the Green River Valley Rd. The bridge is also a King County landmark.
120	WLFL8 PORTER LEVEE	Green	FCD Const	$300,000	$720,000	$420,000	$0	$0	$0	$0	$0	$0	$0	$720,000	Contribute the cost of a repair ($720,000) to a $7 million levee setback project. By relocating the levee, future repair costs for the Flood Control District are reduced. In response to community concerns, the project also includes funding to elevate the road so that the school bus serving this neighborhood does not have to drive in the oncoming lane to avoid floodwaters.
121	WLFL8 REDDINGTON REACH SETBACK	Green	FCD Const	$16,570,959	$16,889,083	$318,124	$0	$0	$0	$0	$0	$0	$0	$16,889,083	Project expenditures will continue into 2017; closeout anticipated in 2018.
122	WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	$6,061,985	$6,072,173	$10,188	$0	$0	$0	$0	$0	$0	$0	$6,072,173	Project is to improve the levee by providing a minimum of 3 feet of freeboard above the predicted 500-year flood event and improve slope stability. These segments of the Russell Road Upper Levee have over-steepened slopes and therefore lack adequate structural stability to provide adequate safety.
123	WLFL8 S 180TH ST BRIDGE FLOODWALL EXT	Green	Agreement	$0	$65,378	$65,378	$0	$0	$0	$0	$0	$0	$0	$65,378	The project will increase the height of a flood wall to provide approximately 30" of additional flood protection.
124	WLFL8 SE 380 PL AT SR 164	Green	Agreement	$0	$90,000	$90,000	$100,000	$400,000	$100,000	$0	$0	$0	$600,000	$690,000	This project will analyze culvert replacement and road-raising options and implement the preferred option.
125	WLFL8 SE 384 ST @ 176 AVE SE	Green	Agreement	$0	$0	$0	$0	$0	$0	$150,000	$1,500,000	$0	$1,650,000	$1,650,000	These two bridges are subject to having the roadway approach fill wash out during a flood. Excavate approaches and rebuild approaches to prevent loosing approaches during flooding. A similar repair was done on Woodinville-Duvall Bridge No. 1136D.
126	WLFL8 SIGNATURE POINTE REVETMENT	Green	FCD Const	$0	$300,000	$300,000	$0	$0	$0	$0	$0	$0	$0	$300,000	Signature Pointe is a revetment/levee on the Green River between river mile 22.06 and 23.18 that does not meet the FEMA requirements for accreditation due to inadequate freeboard. This project includes development of a project charter and an alternatives analysis to select an alternative to achieve increased flood protection, embankment and toe protection in a manner that can be certified and accredited.

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127	WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const		$0	$0	$0	$0	$0	$1,500,000	$300,000	$0	$1,800,000	$1,800,000	New project to implement interim SWIF adopted by Board of Supervisors. This project will construct a 0.15 mile floodwall and sloped embankment to protect adjacent businesses from flooding. The floodwall alignment (including embankment slope, factors of safety, and necessary real estate) will be finalized during the project design phase.
128	WLFL8 TUK-205 USACE GACO-SEGALE	Green	FCD Const	$382,418	$12,860,633	$12,478,215	$8,871,785	$0	$0	$0	$0	$0	$8,871,785	$21,732,418	US Army Corps led project to replace 3500 ft of Tukwila 205 levee in-place replacement to bring up to 500-year level of protection per the adopted interim SWIF. The USACE will share remaining 2/3 of the cost; this allocation is the local share of 1/3 of total cost. Requires cooperation agreement.
129	**Green-Duwamish Subtotal**			$66,228,878	$112,529,336	$46,300,459	$31,638,561	$27,407,774	$15,468,431	$11,720,362	$13,643,318	$8,546,752	$108,425,198	$220,954,534	
130								$0	$0	$0	$0	$0			
131								$0	$0	$0	$0	$0			
132	WLFL9 BUTTE AVE FLOOD MITIGATION	White	Agreement	$0	$470,000	$470,000	$0	$0	$0	$0	$0	$0	$0	$470,000	This project will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canal from high river flows. The project will design and permit a stormwater pump station which will significantly reduce flood risks to approximately five hundred homes and businesses. The completed project will also reduce long-term road closures that have occurred in the past due to flooding.
133	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	$23,380,886	$24,004,419	$623,533	$0	$65,776	$0	$0	$0	$0	$65,776	$24,070,195	Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with $52 million of assessed and $13 million content value), improves sediment storage and enhances habitat.
134	WLFL9 RED CREEK ACQUISITIONS	White	FCD Acqu/Elev		$0	$0	$0	$0	$0	$0	$0	$100,000	$100,000	$100,000	Permanently eliminate the risk to public safety along this reach by acquiring and removing residential structure. Placeholder funding for appraisal and/or grant match dependent on landowner willingness.
135	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	$11,009,469	$13,230,557	$2,221,088	$1,462,600	$655,636	$8,079,077	$6,419,902	$69,556	$0	$16,686,771	$29,917,328	Construct a new levee setback in the City of Pacific, extending from BNSF railroad bridge embankment to endpoint at Butte Ave. by White River Estates neighborhood.
136	WLFL9 WHITE - GREENWATER ACQ	White	FCD Acqu/Elev	$0	$0	$0	$0	$0	$0	$0	$0	$100,000	$100,000	$100,000	This project would acquire flood prone residence along the White River near the Greenwater River.
137	**White Subtotal**			$34,390,355	$37,704,976	$3,314,621	$1,462,600	$721,412	$8,079,077	$6,419,902	$69,556	$200,000	$16,952,547	$54,657,523	
138															
139															
140	WLFLS SOUTH PARK PUMPSTATION	Seattle	Agreement	$1,786,262	$1,786,219	($43)	$0	$4,718,738	$0	$0	$0	$0	$4,718,738	$6,504,957	Cost-share construction of pump station to reduce flooding in industrial area. Allocation of funds by year may be revised based on updated project schedule. Implemented by the City of Seattle. Expenditure forecast to be updated based on current project schedule.
141	WLFLS S PARK DRAINAGE IMPROVEMENTS	Seattle	Agreement	$219,074	$1,000,000	$780,926	$1,550,000	$1,455,000	$0	$0	$0	$0	$3,005,000	$4,005,000	The South Park Drainage Conveyance Improvements Project will install a formal conveyance system in the streets, to get flows to the pump station. The conveyance improvements will work in conjunction with the Pump Station.
142	**Seattle Subtotal**			$2,005,336	$2,786,219	$780,883	$1,550,000	$6,173,738	$0	$0	$0	$0	$7,723,738	$10,509,957	
143								$0	$0	$0	$0	$0			
144								$0	$0	$0	$0	$0			
145	WLFLX CORRIDOR PLN DESIGN/CONST PLA	Countywide	FCD Const	$0	$142,610	$142,610	$0	$0	$0	$0	$0	$27,000,000	$27,000,000	$27,142,610	Placeholder for corridor plan implementation project(s)
146	**Countywide Corridor Plan Imp Subtotal**			$0	$142,610	$142,610	$0	$0	$0	$0	$0	$27,000,000	$27,000,000	$27,142,610	
147								$0	$0	$0	$0	$0			
148								$0	$0	$0	$0	$0			
149	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	$7,208,617	$14,685,996	$7,477,379	$3,194,094	$3,275,480	$3,350,552	$3,425,332	$3,500,987	$3,580,702	$20,327,147	$35,013,143	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
150	WLFLG WRIA GRANTS	Countywide	Grant	$15,445,614	$27,619,780	$12,174,166	$4,520,525	$4,654,617	$4,792,687	$4,934,853	$5,081,235	$5,231,960	$29,215,877	$56,835,657	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
151	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	$1,892,356	$3,295,253	$1,402,897	($431,365)	$594,987	$398,884	$588,509	$636,581	$519,813	$2,307,409	$5,602,662	Evaluation of capital projects to determine effectiveness and identify project design improvements.
152	WLFLO SUBREGNL OPPRTNTY FUND	Countywide	Grant	$31,603,504	$49,421,941	$17,818,436	$5,941,015	$6,092,394	$6,232,026	$6,371,118	$6,511,835	$6,660,106	$37,808,494	$87,230,435	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
153	WLFLX CENTRAL CHARGES	Countywide	FCD Const	$704,514	$911,493	$206,979	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$600,000	$1,511,493	Central charges related to the FCD's capital fund.
154	WLFLX FLOOD EMERGENCY CONTGNCY	Countywide	FCD Const	$415,234	$800,917	$385,683	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$1,500,000	$2,300,917	Contingency for emergency response actions during a flood event.
155	**Countywide Subtotal**			$57,269,840	$96,735,380	$39,465,540	$13,574,269	$14,967,478	$15,124,149	$15,669,812	$16,080,638	$16,342,581	$91,758,927	$188,494,307	
156															
157	**Grand Total**			**$250,509,934**	**$401,573,171**	**$150,014,964**	**$68,550,316**	**$69,511,755**	**$54,728,073**	**$51,349,329**	**$37,372,413**	**$65,264,398**	**$346,776,284**	**$748,349,455**	

Differences between Preliminary Draft 2019-2024 and 2018-2023 Capital Program ("0" means no change from 2018-2023)

6/20/2018

No.	Title	2019 Projected	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	5-year Total
1	WLFL0 MILLER R RD RVTMNT 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
2	WLFL0 SF SKYKMSH REP LOSS MIT	$0	$0	$0	$0	($119,405)	$119,405	($119,405)
3	WLFL0 SKY W RVR DR FLOOD STUDY	$0	$0	$0	$0	$0	$0	$0
4	WLFL0 SKYKOMISH LB DOWN 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
5	WLFL0 SKYKOMISH LB UP 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
6	WLFL0 TIMBER LN EROSN BUYOUTS	$0	$0	$0	$0	$0	$0	$0
7	WLFL0 TIMBERLANE 2016 REPAIR	$435,000	($20,000)	($20,000)	($20,000)	$0	$0	$375,000
8	WLFL1 428TH AVE SE BR FEASIBILITY	$0	$0	$0	$0	$0	$0	$0
9	WLFL1 CIRCLE RVR RANCH RISK RED	($401,766)	($1,370,199)	($1,480,453)	$3,630,574	$0	$0	$378,156
10	WLFL1 MASON THRSN EXT 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
11	WLFL1 MF SNO CORRIDOR IMP	($2,243,361)	($429,101)	($114,292)	$511,733	$0	$0	($2,275,021)
12	WLFL1 MF SNO CORRIDOR PLAN	$0	$0	$0	$0	$0	$0	$0
13	WLFL1 NORTH FORK BRIDGE 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
15	WLFL1 RECORD OFFICE 2016 REPAIR	$216,835	$0	$0	$0	$0	$0	$216,835
16	WLFL1 REIF RD 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
17	WLFL1 REIF RD LEVEE IMPROVEMENTS	$0	$0	($0)	($0)	($0)	$0	($1)
18	WLFL1 REINIG RD RVTMNT 2016 REPAIR	$400,000	$264,166	$0	$0	$0	$0	$664,166
19	WLFL1 RIBARY CREEK	($0)	$0	($0)	$0	$0	$0	($0)
20	WLFL1 SF SNO CORR EARLY ACTION	$0	$0	$0	$0	$0	$0	$0
21	WLFL1 SF SNO CORRIDOR PLAN	$0	$0	$0	$0	$0	$0	$0
22	WLFL1 SF SNO LEVEE REMEDIATION	($282,112)	($353,351)	($21,833)	$657,297	$0	$0	$0
23	WLFL1 SHAKE MILL LB 2016 REPAIR	$971,773	$0	$0	$0	$0	$0	$971,773
24	WLFL1 SHAKE MILL RB 2016 REPAIR	($447,676)	$0	$0	$0	$0	$0	($447,676)
25	WLFL1 SI VIEW RM4 2017 REPAIR	$0	$0	$0	$0	$0	$0	$0
26	WLFL1 SR202 SF BRIDGE LENGTHEN	$0	$0	$0	$0	($100,000)	$100,000	($100,000)
27	WLFL1 TATE CRK BRIDGE FEASIBILITY	$0	$0	$0	$0	$0	$0	$0
28	WLFL1 UPPER SNOQ 2015 FLOOD REPAIR	$0	$0	$0	$0	$0	$0	$0
29	WLFL1 UPR SNO RES FLD MITIGTN	($584,200)	($72,365)	($74,535)	($76,772)	$2,635,823	$2,714,897	$1,827,951
30	WLFL1 USACE PL 84-99 SF SNO	$0	$0	$0	$0	$0	$0	$1
31	WLFL2 DUTCHMAN RD REPAIR	$0	$0	$0	$0	$0	$0	$0
32	WLFL2 DUVALL BRIDGE 1136A	$0	$0	$0	$0	$0	$0	$0
33	WLFL2 FARM FLOOD TSK FORCE IMP	($11,028)	($3,456)	($3,560)	($3,667)	$125,897	$129,674	$104,186
34	WLFL2 L SNO REP LOSS MITGTION	$0	$0	$0	$0	$0	$0	$0
35	WLFL2 L SNO/ALDAIR CORRDOR PLN	($742,630)	($19,096)	$0	$0	$0	$0	($761,726)
36	WLFL2 LWR SNO RESDL FLD MITGTN	($472,632)	$530,450	$546,363	$562,754	$579,637	$597,026	$1,746,572
37	WLFL2 SE 19TH WAY REVETMENT	$0	$0	$0	$0	$0	$0	$0
38	WLFL2 SE DAVID POWELL RD DOWNSTRE/	$0	$0	$0	$0	$0	$0	$0
39	WLFL2 SE DAVID POWELL RD UPSTREAM	$0	$0	$0	$0	$0	$0	$0
40	WLFL2 SE FISH HATCHERY RD	$0	$0	$0	$0	$0	$0	$0
41	WLFL2 SINNEMA QUAALE 2011 REPR	$0	$0	$0	$0	$0	$0	$0
42	WLFL2 SNOQUALMIE VALLEY FEASIBILITY	$0	$0	$0	$0	$0	$0	$0
44	WLFL2 STOSSEL LONG TERM REPAIR	$200,000	$170,000	$500,000	$2,500,000	$0	$0	$3,370,000
45	WLFL2 TOLT PIPELINE PROTECTION	($1,236)	$0	$0	$0	$0	$0	($1,236)
46	WLFL2 WOODINVILLE DUVALL BR 1136B/11	$0	$0	$0	$0	$0	$0	$0
47	WLFL3 FREW LEVEE 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
48	WLFL3 GIRL SCOUT LEVEE 2016 REPAIR	$0	$0	$0	$0	$0	$0	$0
49	WLFL3 HOLBERG FEASIBILITY	$0	$0	$0	$0	$0	$0	$0
50	WLFL3 LOWER FREW LEVEE SETBACK	($1,345,298)	$1,470,384	$0	$0	$0	$0	$125,086
51	WLFL3 LOWER TOLT RIVER ACQUISITION	$0	$0	$0	$0	$0	$0	$0
52	WLFL3 REMLINGER LEVEE 2017 REPAIR	$0	$0	$0	$0	$0	$0	$0
53	WLFL3 RIO VISTA PROPERTY ACQ	$0	$0	$0	$0	$0	$500,000	$0
54	WLFL3 SAN SOUCI NBRHOOD BUYOUT	$0	$0	$0	$0	$0	$0	$0
55	WLFL3 SAN SOUCI REACH IMPRVMNTS	($190,000)	($510,000)	$0	($50,000)	$750,000	$0	$0
56	WLFL3 SEDIMENT MGMT FEAS	($12,084)	$0	$0	$0	$0	$0	($12,084)
57	WLFL3 SR 203 BR IMPRVMNTS FEAS	$8,851	$0	$0	$0	$0	$0	$8,851
58	WLFL3 TOLT 2015 FLOOD REPAIRS	$0	$0	$0	$0	$0	$0	$0
59	WLFL3 TOLT CORRIDOR PLAN	$0	$0	$0	$0	$0	$0	$0
60	WLFL3 TOLT R LEVEE L.O.S. ANALYSIS	$10,234	$0	$0	$0	$0	$0	$10,234
61	WLFL3 TOLT R MILE 1.1 SETBACK	($330,450)	$0	$0	$0	$0	$0	($330,450)
62	WLFL3 TOLT R NATURAL AREA ACQ	($428,903)	($3,183)	$0	$0	$0	$0	($432,086)
63	WLFL3 TOLT R RD ELEVATION FEASIBILITY	$0	$0	$0	$0	$0	$0	$0
64	WLFL3 TOLT R RD NE IMPROVEMENTS	$0	$3,045	$9,273	$26,357	$127,419	$1,200,000	$166,094
65	WLFL3 UPPER FREW LEVEE SETBACK	$0	$6,090	$9,273	$18,826	$0	$0	$34,189
66	WLFL4 ALPINE MANOR NEIGHBORHOOD BU	$0	$0	$0	$0	$0	$0	$0
67	WLFL4 RAGING MOUTH TO BR 2017 REPAIF	($74,000)	$0	$0	$0	$0	$0	($74,000)
68	WLFL4 RAGING R BRIDGE 1008E	$0	$0	$0	$0	$0	$0	$0
69	Snoqualmie-South Fork Skykomish Subtotal	($5,124,683)	($336,615)	($649,765)	$7,757,102	$3,999,371	$5,361,002	$5,645,409
70								
71								
72	WLFL5 NE 8TH ST AT LAKE ALLEN OUTLET	$0	$0	$0	$0	$0	$0	$0
73	WLFL5 SAMMAMISH R BANK REPAIRS	$2,652	$0	$0	$0	$0	$0	$2,652
74	WLFL5 WILLOWMOOR FLDPLAIN REST	$0	$0	$0	$0	$0	$0	$0
75	WLFL6 FIFTEENMILE CRK BRIDGE 493C	$0	$0	$0	$0	$0	$0	$0
76	WLFL6 LOWER COAL CRK PH I	($1,051,159)	$40,377	($5,200)	($9,500)	($2,200)	$1,111,931	($1,027,682)
77	WLFL6 MAY VALLEY DRAINAGE IMPRVMNT	$0	$0	$0	$0	$0	$0	$0
78	WLFL7 CDR PRE-CONST STRTGC ACQ	$0	$0	$0	$0	$0	$1,200,000	$0
79	WLFL7 CEDAR LEVEE SETBACK FEAS (Ced	$0	$0	$0	$0	$0	$0	$0
80	WLFL7 CEDAR RES FLOOD MITIGATION	$0	$0	$0	$0	$0	$800,000	$0
81	WLFL7 CEDAR R REP LOSS MITGATN	$0	$0	$0	$0	$0	$0	$0
82	WLFL7 CEDAR RIVER TRAIL SITE A BANK	$0	$0	$0	$0	$0	$0	$0
83	WLFL7 CEDAR RVR GRAVEL REMOVAL	$0	$0	$0	$0	$0	$0	$0

No.	Title	2019 Projected	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	5-year Total
84	WLFL7 CITY OF RENTON LEVEE CERTIFICA	$0	$0	$0	$0	$0	$0	$0
85	WLFL7 ELLIOTT BR LEVEE SETBACK	$0	$0	$0	$0	$0	$0	$0
86	WLFL7 FBD CORRIDOR IMPLEMENTATION	$0	$0	$0	$0	$0	$0	$0
87	WLFL7 HERZMAN LEVEE SETBACK	$95,420	($9,708)	($78,786)	($81,149)	($83,584)	$0	($157,807)
88	WLFL7 JAN ROAD NEIGHBORHOOD	$489,405	$626,956	$3,659,210	$452,157	$1,532,360	$25,147	$6,760,088
89	WLFL7 LOWER CEDAR FEASIBILITY STUDY	$0	$0	$0	$0	$0	$0	$0
90	WLFL7 LOWER JONES ROAD NEIGHBORHC	($1,738,873)	($3,738,915)	($1,328,982)	$661,218	$242,142	$4,676,985	($5,903,410)
91	WLFL7 MAPLEWOOD FEASIBILITY STUDY	$23,151	$0	$0	$0	$0	$0	$23,151
92	WLFL7 RIVERBEND MHP ACQ	($126,000)	$0	$0	$0	$0	$0	($126,000)
93	WLFL7 SE 162ND AVE AT 266TH CT	$300,000	$700,000	$0	$0	$0	$0	$1,000,000
94	WLFL7 SR 169 FEASIBILITY STUDY	$325,000	$0	$0	$0	$0	$0	$325,000
95	Cedar-Sammamish Subtotal	($1,680,404)	($2,381,290)	$2,246,242	$1,022,726	$1,688,718	$7,814,063	$895,992
96								
97								
98	WLFL8 BRISCOE LEVEE SETBACK	$0	$0	$0	$0	$0	$0	$0
99	WLFL8 BRPS BLACK R PUMP STATION	$0	$0	$0	$0	$0	$0	$0
100	WLFL8 BRPS CONTROL BLDG RPLCMT	($1,276,092)	($6,301,532)	$7,551,737	$25,887	$0	$0	$0
101	WLFL8 BRPS FISH PASS IMPRVMNTS	$0	$10,000	$0	$0	$0	$3,546,752	$10,000
102	WLFL8 BRPS HIGH-USE ENGINES	$556,297	($25,133)	$0	$0	$0	$0	$531,164
103	WLFL8 BRPS SUPPORT SYS UPGRADES	($175,261)	($646,907)	$42,584	$752,921	$26,663	$0	$0
104	WLFL8 DESIMONE USACE 2015	$0	$0	$0	$0	$0	$0	$0
105	WLFL8 DYKSTRA USACE 2015	$0	$0	$0	$0	$0	$0	$0
106	WLFL8 GALLI-DYKSTRA FEAS STUDY	$330,000	$0	$0	$0	$0	$0	$330,000
107	WLFL8 GREEN PRE-CONST ACQ	$0	$0	$0	$0	$0	$5,000,000	$0
108	WLFL8 GREEN R PL84-99 MITIGATN	($52,000)	($25,000)	($25,000)	$0	$0	$0	($102,000)
109	WLFL8 HSB BREDA SETBACK KENT	($109,006)	($22,104)	($28,606)	$23,435	$0	$0	($136,281)
110	WLFL8 HSB MCCOY REALIGNMENT	$0	$0	$0	$0	$0	$0	$0
111	WLFL8 HSB NURSING HOME SETBACK	$0	$0	$0	$0	$0	$0	$0
112	WLFL8 INTERIM SWIF IMPLEMENTATION	$0	$0	$0	$0	$0	$0	$0
113	WLFL8 LONES LEVEE	$500,000	$0	$0	$0	$0	$0	$500,000
114	WLFL8 LOWER RUSSELL ACQ KENT	$0	$0	$0	$0	$0	$0	$0
115	WLFL8 LWR GRN R CORRIDOR PLAN/EIS	$0	$0	$0	$0	$0	$0	$0
116	WLFL8 LWR RUSSELL LEVEE SETBACK	$196,076	($216,423)	$20,347	$0	$0	$0	$0
117	WLFL8 MILWAUKEE LEVEE #2-KENT	$0	$0	$0	$0	$0	$0	$0
118	WLFL8 OLD JEFFS FARM REVETMENT	($1,428,198)	$0	$0	$0	$0	$0	($1,428,198)
119	WLFL8 PATTON BRIDGE 3015	$0	$0	$0	$0	$0	$0	$0
120	WLFL8 PORTER LEVEE	$0	$0	$0	$0	$0	$0	$0
121	WLFL8 REDDINGTON REACH SETBACK	$0	$0	$0	$0	$0	$0	$0
122	WLFL8 RUSSELL RD UPPER KENT	$0	$0	$0	$0	$0	$0	$0
123	WLFL8 S 180TH ST BRIDGE FLOODWALL EX	$0	$0	$0	$0	$0	$0	$0
124	WLFL8 SE 380 PL AT SR 164	$0	$0	$0	$0	$0	$0	$0
125	WLFL8 SE 384 ST @ 176 AVE SE	$0	$0	$0	$0	$0	$0	$0
126	WLFL8 SIGNATURE POINTE REVETMENT	$0	$0	$0	$0	$0	$0	$0
127	WLFL8 TUK-205 RATOLO FLOODWALL	$0	$0	$0	$0	$0	$0	$0
128	WLFL8 TUK-205 USACE GACO-SEGALE	$8,855,872	$0	$0	$0	$0	$0	$8,855,872
129	Green-Duwamish Subtotal	$7,397,688	($7,227,099)	$7,561,062	$802,243	$26,663	$8,546,752	$8,560,557
130								
131								
132	WLFL9 BUTTE AVE FLOOD MITIGATION	$0	$0	$0	$0	$0	$0	$0
133	WLFL9 COUNTYLINE TO A STREET	$0	$65,776	$0	$0	$0	$0	$65,776
134	WLFL9 RED CREEK ACQUISITIONS	$0	$0	$0	$0	($100,000)	$100,000	($100,000)
135	WLFL9 RIGHT BANK LEVEE SETBACK	($526,587)	($7,232,213)	$2,281,582	$6,350,346	$69,556	$0	$942,684
136	WLFL9 WHITE - GREENWATER ACQ	$0	$0	$0	$0	($100,000)	$100,000	($100,000)
137	White Subtotal	($526,587)	($7,166,437)	$2,281,582	$6,350,346	($130,444)	$200,000	$808,460
138								
139								
140	WLFLS SOUTH PARK PUMPSTATION	$0	$0	$0	$0	$0	$0	$0
141	WLFLS S PARK DRAINAGE IMPROVEMENTS	$0	$0	$0	$0	$0	$0	$0
142	Seattle Subtotal	$0	$0	$0	$0	$0	$0	$0
143								
144								
145	WLFLX CORRIDOR PLN DESIGN/CONST PL	$0	$0	$0	$0	($27,000,000)	$27,000,000	($27,000,000)
146	Countywide Corridor Plan Imp Subtotal	$0	$0	$0	$0	($27,000,000)	$27,000,000	($27,000,000)
147								
148								
149	WLFLG FLOOD REDUCTION GRANTS	$32,883	$42,762	$47,294	$51,232	$55,694	$3,580,702	$229,865
150	WLFLG WRIA GRANTS	($134,092)	($138,070)	($142,166)	($146,382)	($150,725)	$5,231,960	($711,436)
151	WLFLM EFFECTIVENESS MONITORING	($1,134,143)	($235,336)	($415,056)	($178,967)	$125,883	$519,813	($1,837,619)
152	WLFLO SUBREGNL OPPRTNTY FUND	$61,163	$79,538	$87,966	$95,291	$103,590	$6,660,106	$427,548
153	WLFLX CENTRAL CHARGES	($32,600)	($35,252)	($37,957)	($40,716)	($43,531)	$100,000	($190,056)
154	WLFLX FLOOD EMERGENCY CONTGNCY	$0	$0	$0	$0	$0	$250,000	$0
155	Countywide Subtotal	($1,206,789)	($286,358)	($459,919)	($219,542)	$90,912	$16,342,581	($2,081,697)
156								
157	**Net Change from 2018 Revised CIP**	**($1,140,775)**	**($17,397,799)**	**$10,979,202**	**$15,712,874**	**($21,324,781)**	**$65,264,398**	**($13,171,279)**

KING COUNTY FLOOD CONTROL DISTRICT
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www.kingcountyfloodcontrol.org

Approved: July 13, 2017

KING COUNTY FLOOD CONTROL DISTRIC ADVISORY COMMITTEE OPERATING PROCEDURES

PURPOSE OF THE ADVISORY COMMITTEE

Ordinance 2006-0334 of the King County Council establishes a Flood Control Zone District (FCD) for King County and established the King County Flood Control Zone District Advisory Committee. The purpose of this district is to "undertake, operate, or maintain flood control projects or storm water control projects. The district is authorized to address flood and storm water control needs throughout the county, including within King County cities." The King County Council governs the Flood District as a "District Board of Supervisors".

The FCD Advisory Committee, which is composed of elected officials from throughout King County, is charged with the task of making annual recommendations to the District Board of Supervisors. Specifically, the Advisory Committee reviews and makes recommendations related to the annual work program and budget for the District, including capital improvement program projects and funding levels. The Board of Supervisors, in turn, takes these recommendations under advisement as it votes to approve the annual capital improvement and operating budget for the District.

The Advisory Committee's recommendations must be filed with the clerk of the King County Council no later than August 31 of each year.

MEMBERSHIP AND STRUCTURE

As established by Ordinance 2006-0334, the Advisory Committee is composed of fifteen members. Ten seats on the Committee are permanent, and five seats are rotating (two-year) members.

The ten permanent seats on the Committee are held by each mayor, or council member alternate designated by the mayor, of Tukwila, Auburn, Kent, Renton, Snoqualmie, North Bend, Carnation, Seattle and Bellevue. The King County Executive is also a permanent member of the committee. Four rotating seats are held by mayors or city council members, or their alternates, as nominated by the Sound Cities Association. One of the rotating seats is held by an individual who represents one of King County's Unincorporated Area Councils. These representatives are selected by the King County Council.

Each member of the Advisory Committee is allowed one alternate, who shall also be an elected official from the represented jurisdiction. The alternate shall attend meetings as necessary due to the absence of the Committee member. Alternates hold the same responsibilities and voting privileges as Committee members. Advisory Committee members will notify the Executive Director in writing of their alternate no later than March 31 of each year.

The Advisory Committee shall elect both a chair and vice-chair. The terms of the chair and vice-chair shall be two years, alternating appointment on even years for the chair position and odd years for the vice chair position.

A formal vote to fill these positions shall be taken at the first advisory committee meeting of each year.

The chair of the Advisory Committee shall preside at Committee meetings, and perform such other duties as are commonly associated with that office.

The vice-chair shall perform the duties of the chair in the chair's absence.

DECISION PROCESS

The Advisory Committee is charged with the task of making recommendations to the Board of Supervisors. These recommendations shall be validated through voting. Prior to a vote, however, members shall make every effort to reach agreement by consensus. Once the vote is cast, both the majority and minority opinions of Committee members in relation to that recommendation shall be fully documented.

Each seat on the Advisory Committee shall have one vote. A quorum of the Advisory Committee is constituted if eight Committee members, or their alternates, are present at the meeting.

Advisory Committee meetings will be structured to allow for a comprehensive discussion of the issues at hand. The work of the Advisory Committee shall be informed by the Basin Technical Committees, groups composed of technical staff from each of the jurisdictions represented on the Advisory Committee. Prior to a "final vote" on their recommendations, the Advisory Committee may take a preliminary or "temperature read" vote on each of their recommendations. This preliminary vote enables members to better understand their areas of agreement and disagreement, and to forge compromise solutions whenever possible prior to a final vote. If a member is unable to attend a meeting at which a temperature read will be taken, that member may submit his or her "read" to the chair or facilitator in advance of the meeting.

Formal votes may be taken occasionally. When a formal vote is needed, committee members, or their alternates, are required to be present at the meeting in order to participate in the vote. To the extent that electronic, telephone, or video conferencing is available, these mediums will qualify a member as present for the purposes of voting rights.

MEETING SCHEDULE, AGENDA, AND MINUTES

The Advisory Committee shall generally meet two to three times per year, but may meet more frequently as necessary. Meetings shall be scheduled no later than March 31 each year to provide Advisory Committee members with adequate notice of the meeting dates. Meetings will take place beginning in late spring in order to incorporate the Committee's recommendations into the District's annual budget and meet the August 31 deadline of a submittal to the District Board of Supervisors as required by ordinance.

Special meetings of the Advisory Committee may be held as requested by the Board of Supervisors, or as matters arise that require the Committee's attention.

All meetings of the Advisory Committee are open to the public and records of its meeting are available upon request.

Meetings will be held at appropriate locations within King County to maximize participation by Committee members.

The facilitator shall consult with the Executive Director, Advisory Committee Chair, and King County staff in preparing the agendas. Members shall be provided with a copy of the agenda and supporting materials at least one week in advance of the meeting, unless there is less than a two-week interval between meetings. In cases when there is a compressed schedule in between meetings, every effort should be made to provide materials in advance of the meeting.

Staff from the District or a facilitator shall be responsible for taking and documenting the minutes from all meetings of the Advisory Committee. The meeting summary will be made available for review by Committee members prior to the next scheduled meeting, and subsequently reviewed and approved during the meeting's regular order of business.

PUBLIC ATTENDANCE AND COMMENT

All meetings of the FCD Advisory Committee are open to the public. Any members of the public who wish to address the Committee must make this request to the Chair of the Committee in advance of the meeting.

Public comments are scheduled at the beginning of meetings. The chair will facilitate the public comment process.

Speakers will be asked to sign-in to indicate they would like to speak. Each speaker will have a maximum of 3 minutes, and shall state their name and address of residence at the beginning of their comments.

Speakers are encouraged to also provide their comments in written form. Speakers shall be courteous and civil, and may not yield time to another speaker.

TERM AND AMENDMENTS

These rules and procedures are not intended to be comprehensive. When an issue arises not foreseen by these operating rules and procedures, the Advisory Committee may consider amending these rules and procedures. These amendments may be amended at any meeting of the Advisory Committee if notice of such amendment is given on the agenda distributed to the members in advance of a scheduled meeting. Amendments may be approved by the Advisory Committee upon a majority vote in favor to do so.