



# KING COUNTY

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

## Signature Report

### FCD Resolution

**Proposed No.** FCD2020-11.2

**Sponsors**

1                   A RESOLUTION relating to the operations and finances of  
2                   the King County Flood Control Zone District; adopting a  
3                   revised 2020 budget, district oversight budget, capital  
4                   budget, six-year capital improvement program for 2020-  
5                   2025; and amending Resolution FCD2019-13.2 and  
6                   Resolution FCD2020-05.1.

7                   WHEREAS, the King County Flood Control Zone District ("the District")  
8                   adopted its 2020 work program, budget, operating budget, capital budget, and six-year  
9                   capital improvement program in Resolution FCD2019-13.2, and

10                  WHEREAS, the District adopted an amendment to its 2020 budget, operating  
11                  budget, capital budget, and six-year capital improvement programs in Resolution 2020-  
12                  05.1, and

13                  WHEREAS, the annual carry-forward budget resolution is necessary to provide  
14                  budget authority for unspent appropriations from the prior year and to reinstate contract  
15                  encumbrances, and

16                  WHEREAS, the carry-forward amount for unspent appropriations from 2018 to  
17                  2019 is \$113,566, 131, and

18                  WHEREAS, the District desires to continue respond to the October 2019 flood  
19                  event and the February 2020 Presidential Major Disaster flood event by reallocating

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20 \$12.5 million, and

21 WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the  
22 proposed carry-forward amount and a supplemental budget on June 10, 2020, and

23 WHEREAS, pursuant to RCW 86.15.110, the board of supervisors ("the Board")  
24 has determined that the flood control improvements adopted by this resolution generally  
25 contribute to the objectives of the District's comprehensive plan of development, and

26 WHEREAS, the Board desires to adopt amendments to the District's 2020  
27 budget, operating budget, capital budget, and six-year capital improvement program;

28 NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF  
29 SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:

30 SECTION 1. The Board adopts a revised 2020 budget for the District, as set forth  
31 in Attachment B to this resolution, titled "2020 Reallocation Budget June 22, 2020," and  
32 amends Section 1 of FCD2020-05.1 accordingly.

33 SECTION 2. The Board adopts a revised 2020 operating budget for the District,  
34 as set forth in Attachment C to this resolution, titled "2020 Reallocation Operating  
35 Budget June 22, 2020," and amends Section 1 of FCD2019-13.2 accordingly.

36 SECTION 3. The Board adopts a revised 2019 capital budget for the District,  
37 consisting of the projects and expenditures Attachment D to this resolution, titled "2020  
38 Reallocated Capital Budget June 22, 2020," and amends Section 1 of FCD2020-05.1  
39 accordingly.

40 SECTION 4. The Board adopts a revised six-year capital improvement program  
41 for the District, as set forth in Attachment E to this resolution, titled "2020-2025  
42 Reallocated Six-Year CIP June 22, 2020," and amends Section 1 of FCD2020-05.1

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43 accordingly.

44         SECTION 5. The Board adopts a revised 2020-2025 capital budget project list, as  
45 set forth in Attachment H to this resolution, titled "2020-2025 Six-Year CIP Project  
46 Allocations + Carryover June 22, 2020," and amends Section 1 of FCD2020-05.1  
47 accordingly.

48         SECTION 6. The Board directs King County water and land resources division to  
49 provide a monthly report to the District executive director on the status of recruitment  
50 and hiring of all vacant and newly authorized positions funded by the District. If any of  
51 the five newly created capital project staff positions remain unfilled by December 31,  
52 2020, the District may consider reallocating the Operating Budget to achieve project  
53 delivery goals through alternative contracting methods.

54         SECTION 7. A. The Board authorizes the extension, enlargement, acquisition or  
55 construction of improvements, as applicable, as set forth on Attachments B, C, D, E and  
56 H of this resolution.

57         B. The 2006 King County Flood Hazard Management Plan ("Flood Plan"), as  
58 amended, serves as the comprehensive plan of development for flood control and  
59 floodplain management, and has been prepared for the streams or watercourses upon  
60 which the improvements will be enlarged, extended, acquired or constructed. The  
61 improvements authorized herein generally contribute to the objectives of the Flood Plan.

62         C. For improvements that are to be constructed, preliminary engineering studies  
63 and plans have been made, consisting of one or more of the following: the 2006 Flood  
64 Plan, as amended, preliminary feasibility analyses, conceptual designs and design  
65 manuals, and such plans and studies are on file with the county engineer.

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66           D. Estimated costs for acquisitions and improvements together with supporting  
67 data are set forth on Attachments B, C, D, E and H.

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68 E. The improvements set forth in Attachments B, C, D, E and H are determined  
69 to benefit the county as a whole, as well as the zone.  
70

FCD Resolution FCD2020-11 was introduced on and passed as amended by the King County Flood Control District on 6/24/2020, by the following vote:

Yes: 8 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Ms. Kohl-Welles,  
Ms. Lambert, Mr. McDermott, Mr. Upthegrove and Mr. Zahilay  
Excused: 1 - Mr. von Reichbauer


KING COUNTY FLOOD CONTROL ZONE  
DISTRICT  
KING COUNTY, WASHINGTON

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Dave Upthegrove, Chair

ATTEST:

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Melani Pedroza, Clerk of the Board

**Attachments:** B. 2020 Reallocation Budget amended June 24, 2020, C. 2020 Reallocated Operating amended June 24, 2020, D. 2020 Reallocated Capital Budget amended June 24, 2020, E. 2020-2025 Reallocated Six Year CIP amended June 24, 2020, H. 2020-2025 Six-Year CIP Project Allocations + Carryover amended June 24, 2020

## King County Flood Control District

### *2020 Reallocation Budget*

#### Attachment B

June 22, 2020

<b>Program</b>	<b>2020 Approved</b>	<b>2019 Carryover</b>	<b>2020 Reallocation</b>	<b>2020 Revised</b>
Flood District Administration	913,238	0	0	913,238
Maintenance and Operation	13,464,210	275,000	0	13,739,210
Construction and Improvements	94,984,555	113,291,131	(5,728,248)	202,547,438
Bond Retirement and Interest	\$0	\$0	\$0	\$0
<b>Total</b>	109,362,003	113,566,131	(5,728,248)	217,199,886
Projected Capital Reserves - Cash Fund Balance <sup>1</sup>	93,504,495			96,977,354
Projected Capital Reserves - Budgetary Fund Balance <sup>2</sup>	(10,452,178)			(59,600,979)

<sup>1</sup> The cash fund balance assumes an expenditure rate of 23% of the capital budget in 2020, informed by prior year actuals.

<sup>2</sup> The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand budgetary commitment.

## King County Flood Control District

### *2020 Reallocated Operating Budget*

#### Attachment C

June 22, 2020

	2020 Approved	2019 Carryover	2020 Reallocation	2020 Revised	Comments
Annual Maintenance	\$3,305,056			\$3,305,056	
Flood Hazards Plan, Grants, Outreach	\$675,380	\$275,000		\$950,380	Carryover 2019 expenditure authority for Flood Hazard Management Plan update
Flood Hazard Studies, Maps, Technical Services	\$3,383,416			\$3,383,416	
Flood Preparation, Flood Warning Center	991,042			\$991,042	
Program Management, Supervision, Finance, Budget	\$1,727,017			\$1,727,017	
Program Implementation	\$246,986			\$246,986	
Overhead / Central Costs*	3,135,313			\$3,135,313	
<b>Total</b>	<b>\$13,464,210</b>	<b>\$275,000</b>	<b>\$0</b>	<b>\$13,739,210</b>	

\* A portion of these overhead costs are reimbursed by the capital fund for staff time loaned out to capital projects.

## King County Flood Control District

### *2020 Reallocated Capital Budget*

#### Attachment D

June 22, 2020

<b>Basin</b>	<b>Acquisition</b>	<b>Design</b>	<b>Construction</b>	<b>Contingency</b>	<b>Total</b>
Snoqualmie River Basin	\$8,786,248	\$5,912,617	\$9,970,641	\$0	\$24,669,506
Cedar River Basin	\$2,932,813	\$6,966,708	\$17,506,737	\$0	\$27,406,257
Green River Basin	\$27,594,639	\$28,328,638	\$36,543,105	\$0	\$92,466,382
White River Basin	\$280,727	\$2,309,702	\$412,500	\$0	\$3,002,929
Effectiveness Monitoring	\$0	\$1,188,300	\$0	\$0	\$1,188,300
Countywide Miscellaneous	\$0	\$0	\$496,646	\$1,291,929	\$1,788,575
Opportunity Fund	\$0	\$0	\$22,626,278	\$0	\$22,626,278
Grant Funds	\$0	\$0	\$29,399,211	\$0	\$29,399,211
<b>Total</b>	<b>\$39,594,426</b>	<b>\$44,705,964</b>	<b>\$116,955,119</b>	<b>\$1,291,929</b>	<b>\$202,547,438</b>



## King County Flood Control District

### 2020 - 2025 Reallocated Six-Year CIP

#### Attachment E

June 22, 2020

Name	2020 Approved	2019 Carryover	2020 Reallocation	2020 Revised	2021	2022	2023	2024	2025	2020 - 2025 Total
Snoqualmie River Basin	\$8,933,012	\$12,768,999	2,967,495	24,669,506	14,583,585	18,763,277	13,555,407	27,126,341	27,324,575	126,022,690
Cedar River Basin	\$7,833,030	\$15,088,184	4,485,043	27,406,257	17,621,435	4,463,445	4,940,367	3,541,720	3,932,358	61,905,582
Green River Basin	\$55,025,510	\$52,129,521	(14,688,649)	92,466,382	85,855,463	76,741,492	10,806,094	8,565,231	5,092,073	279,526,735
White River Basin	\$1,171,209	\$1,673,690	158,030	3,002,929	1,259,966	8,672,705	8,508,038	136,895	190,000	21,770,533
Effectiveness Monitoring	\$330,232	(\$123,640)	981,708	1,188,300	890,956	834,056	892,524	804,751	585,512	5,196,098
Countywide Miscellaneous	\$100,000	\$1,320,450	368,125	1,788,575	392,592	396,870	401,276	405,815	410,489	3,795,617
Subregional Opportunity Fun	\$6,091,017	\$16,535,261	-	22,626,278	6,255,428	6,414,885	6,568,517	6,720,084	6,869,230	55,454,422
Flood Reduction Grants	\$15,500,545	\$13,898,666	-	29,399,211	12,879,132	13,225,580	13,581,348	13,946,687	14,321,852	97,353,810
WRIA Grants	\$0	\$0	-	-	-	-	-	-	-	-
<b>Total</b>	<b>\$94,984,555</b>	<b>113,291,131</b>	<b>(5,728,248)</b>	<b>202,547,438</b>	<b>139,738,557</b>	<b>129,512,310</b>	<b>59,253,571</b>	<b>61,247,524</b>	<b>58,726,089</b>	<b>651,025,488</b>







No.	Title	Basin	Type of project	2019 Inception to Date Budget	2019 Inception to Date Expenditure	2020 Adopted	2019 Carryover	2020 Reallocation Request	2020 Revised	2021 Projected	2022 Projected	2023 Projected	2024 Projected	2025 Projected	6-Year CIP Total (Including 2019 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
161	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	Agreement	\$1,000,000	\$1,637,071	\$9,075,000	(\$637,071)		\$8,437,929	\$7,030,000	\$0	\$0	\$0	\$0	\$15,467,929			\$17,105,000	Seattle. 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.
162	WLFLS SOUTH PARK PUMPSTATION	Green	Agreement	\$1,787,004	\$1,787,029	\$4,717,996	(\$25)		\$4,717,971	\$0	\$0	\$0	\$0	\$0	\$4,717,971			\$6,505,000	Seattle. 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.
163	<b>Green-Duwamish Subtotal</b>			<b>\$114,726,609</b>	<b>\$62,597,089</b>	<b>\$55,025,510</b>	<b>\$52,129,521</b>	<b>(\$14,688,649)</b>	<b>\$92,466,382</b>	<b>\$85,855,463</b>	<b>\$76,741,492</b>	<b>\$10,806,094</b>	<b>\$8,565,231</b>	<b>\$5,092,073</b>	<b>\$279,526,735</b>			<b>\$342,123,824</b>	
164																			
165																			
166	WLFL9 212TH AVE SE @ SR 164 FLD IMPRVMT	White	Agreement	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$190,000	\$190,000			\$190,000	Enumclaw. Improve the drainage system to alleviate neighborhood flooding. May require improvements outside of the road right-of-way.
167	WLFL9 212TH AVE SE MITIGATION	White	Agreement	\$0	\$0	\$29,000	\$0		\$29,000	\$36,000	\$0	\$0	\$0	\$0	\$65,000			\$65,000	Enumclaw. TBD
168	WLFL9 ANDERSON PARK ACQUISITION	White	FCD Acq/Elev	\$100,000	\$0		\$100,000		\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000			\$100,000	Enumclaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pierce County from the City of Enumclaw.
169	WLFL9 BUTTE AVE FLOOD MITIGATION	White	Agreement	\$470,000	\$226,633		\$243,367	(\$243,367)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$226,633	Pacific. This project will reduce flood risks to residences and businesses in the Cities of Pacific and Algonia 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.
170	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	\$24,004,419	\$23,888,129		\$116,290		\$116,290	\$0	\$0	\$0	\$0	\$0	\$116,290			\$24,004,419	Tukwila. 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.
171	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	\$13,843,157	\$12,836,478	\$295,835	\$1,006,679	\$401,397	\$1,703,911	\$973,966	\$7,172,705	\$8,508,038	\$136,895	\$0	\$18,495,515			\$31,331,993	Pacific. 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.
172	WLFL9 SLIPPERY CREEK ACQ	White	FCD Acq/Elev	\$180,000	\$115,563		\$64,437		\$64,437	\$0	\$0	\$0	\$0	\$0	\$64,437			\$180,000	Greenwater. In mid-2018 budget reallocation, funding was authorized to acquire a vacant property located outside flood hazard area on the north side of Highway 410. Subsequent site visits identified multiple unpermitted structures and a well; additional funding necessary to complete demolition and asbestos abatement at a remote and inaccessible location.
173	WLFL9 STREAM #10.0048 DS CULVERT	White	Agreement	\$0	\$0		\$0		\$0	\$150,000	\$1,500,000	\$0	\$0	\$0	\$1,650,000			\$1,650,000	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
174	WLFL9 STREAM #10.0048 US CULVERT	White	Agreement	\$190,000	\$148,566	\$400,000	\$41,434		\$441,434	\$100,000	\$0	\$0	\$0	\$0	\$541,434			\$690,000	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
175	WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	\$200,000	\$98,517	\$446,374	\$101,483		\$547,857	\$0	\$0	\$0	\$0	\$0	\$547,857			\$646,374	Auburn. Loss of facing rock along 130' of the lower half of the embankment. Some of the gravel fill under the rock has eroded as well, leaving a near-vertical face supporting the rock remaining on the upper slope. The rock that slid down is currently providing scour protection at the toe.
176	<b>White Subtotal</b>			<b>\$38,987,576</b>	<b>\$37,313,885</b>	<b>\$1,171,209</b>	<b>\$1,673,690</b>	<b>\$158,030</b>	<b>\$3,002,929</b>	<b>\$1,259,966</b>	<b>\$8,672,705</b>	<b>\$8,508,038</b>	<b>\$136,895</b>	<b>\$190,000</b>	<b>\$21,770,533</b>			<b>\$59,084,418</b>	
177																			
178																			
179	WLFLG COASTAL EROSION/FLOODING GRANTS		Grant	\$0	\$0	\$0	\$0		\$0						\$0			\$0	Focuses on mapped coastal flood hazard areas to increase resiliency to sea level rise in coastal flood hazard areas by restoring shorelines and retrofitting or relocating infrastructure out of flood-prone areas to reduce risk.
180	WLFLG CULVERT & FISH PASSAGE GRANTS		Grant	\$0	\$0	\$0	\$0		\$0						\$0			\$0	Reduces flooding and improves fish passage and water quality by replacing and/or removing culverts or other blockages to fish passage. This program will focus on accelerating replacement or removal of culverts that address both significant flood risks to critical infrastructure, and restore fish passage.
181	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	\$17,852,257	\$11,789,184	\$5,880,201	\$6,063,073		\$11,943,274	\$3,000,000	\$3,080,700	\$3,163,571	\$3,248,671	\$3,336,060	\$27,772,276			\$39,561,460	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
182	WLFLG URBAN STREAMS GRANTS		Grant	\$0	\$0	\$0	\$0		\$0						\$0			\$0	Invests in urban flooding projects that reduce risks to people, property, and public infrastructure.
183	WLFLG WRRIA GRANTS	Countywide	Grant	\$32,303,948	\$24,488,355	\$9,620,344	\$7,835,593		\$17,455,937	\$9,879,132	\$10,144,880	\$10,417,777	\$10,698,016	\$10,985,792	\$69,581,534			\$94,049,889	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
184	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	\$2,929,222	\$3,052,862	\$330,232	(\$123,640)	\$981,708	\$1,188,300	\$890,956	\$834,056	\$892,524	\$804,751	\$585,512	\$5,196,098			\$8,248,960	Evaluation of capital projects to determine effectiveness and identify project design improvements.
185	WLFLQ SUBREGNL OPPRTNTY FUND	Countywide	Grant	\$55,311,186	\$38,775,925	\$6,091,017	\$16,535,261		\$22,626,278	\$6,255,428	\$6,414,885	\$6,568,517	\$6,720,084	\$6,869,230	\$55,454,422			\$94,230,347	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
186	WLFLX CENTRAL CHARGES	Countywide	FCD Const	\$1,011,493	\$819,564	\$100,000	\$191,929		\$291,929	\$142,592	\$146,870	\$151,276	\$155,815	\$160,489	\$1,048,971			\$1,868,535	Central charges related to the FCD's capital fund.
187	WLFLX CONST MATERIALS STOCKPILE	Countywide	FCD Const	\$500,000	\$3,354		\$496,646		\$496,646	\$0	\$0	\$0	\$0	\$0	\$496,646			\$500,000	Stockpile role for future flood damage repairs.
188	WLFLX FLOOD EMERGENCY CONTNGNCY	Countywide	FCD Const	\$1,050,917	\$419,042		\$631,875	\$368,125	\$1,000,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,250,000			\$2,669,042	Contingency for emergency response actions during a flood event.
189	<b>Countywide Subtotal</b>			<b>\$110,959,023</b>	<b>\$79,328,285</b>	<b>\$22,021,794</b>	<b>\$31,630,737</b>	<b>\$1,349,833</b>	<b>\$55,002,364</b>	<b>\$20,418,107</b>	<b>\$20,871,391</b>	<b>\$21,443,665</b>	<b>\$21,877,337</b>	<b>\$22,187,083</b>	<b>\$161,799,947</b>			<b>\$241,128,233</b>	
190																			
191	<b>Grand Total</b>			<b>\$411,753,921</b>	<b>\$298,462,792</b>	<b>\$94,984,555</b>	<b>\$113,291,131</b>	<b>(\$5,728,248)</b>	<b>\$202,547,438</b>	<b>\$139,738,557</b>	<b>\$129,512,310</b>	<b>\$59,253,571</b>	<b>\$61,247,524</b>	<b>\$58,726,089</b>	<b>\$651,025,488</b>			<b>\$1,196,238,280</b>	