



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

FCD Resolution FCD2021-05.2

Proposed No. FCD2021-05.2

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 2021-
5 2026; and amending Resolution FCD2020-22.3.

6 WHEREAS, the King County Flood Control Zone District ("the District")
7 adopted its 2021 work program, budget, operating budget, capital budget, and six-year
8 capital improvement program in Resolution FCD2020-22.3, and

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

12 WHEREAS, the carry-forward amount for unspent appropriations from 2020 to
13 2021 is \$139,831,093, and

14 WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the
15 proposed carry-forward amount and a supplemental budget on June 15, 2021, and

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

19 WHEREAS, the Board desires to adopt amendments to the District's 2021

FCD Resolution FCD2021-05.2

20 budget, operating budget, capital budget, and six-year capital improvement program;

21 NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF

22 SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:

23 SECTION 1. The Board adopts a revised 2021 budget for the District, as set forth
24 in Attachment B to this resolution, titled "2021 Reallocation Budget June 3, 2021," and
25 amends Section 1 of FCD2020-22.3 accordingly.

26 SECTION 2. The Board adopts a revised 2021 operating budget for the District,
27 as set forth in Attachment C to this resolution, titled "2021 Reallocated Operating Budget
28 June 3, 2021," and amends Section 1 of FCD2020-22.3 accordingly.

29 SECTION 3. The Board adopts a revised 2021 capital budget for the District,
30 consisting of the projects and expenditures in Attachment D to this resolution, titled
31 "2021 Reallocated Capital Budget June 3, 2021," and amends Section 1 of FCD2020-
32 22.3 accordingly.

33 SECTION 4. The Board adopts a revised six-year capital improvement program
34 for the District, as set forth in Attachment E to this resolution, titled "2021-2026
35 Reallocated Six-Year CIP June 3, 2021," and amends Section 1 of FCD2020-22.3
36 accordingly.

37 SECTION 5. The Board Adopts a revised 2021 Subregional Opportunity Fund
38 Allocation, as set forth in Attachment G to this resolution, titled "2021 Revised
39 Subregional Opportunity Fund Allocations June 3, 2021," and amends Section 1 of
40 FCD2020-22.3 accordingly.

41 SECTION 6. The Board adopts a revised 2021-2026 capital budget project list, as
42 set forth in Attachment H to this resolution, titled "2021-2026 Six-Year CIP Project

FCD Resolution FCD2021-05.2

43 Allocations + Carryover June 3, 2021," and amends Section 1 of FCD2020-22.3
44 accordingly.

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

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

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

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

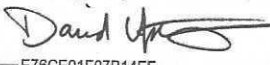
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59 E. The improvements set forth in Attachments B, C, D, E, G and H are
60 determined to benefit the county as a whole, as well as the zone.
61

FCD Resolution FCD2021-05.2 was introduced on 5/19/2021 and passed as amended by the King County Flood Control District on 6/15/2021, by the following vote:

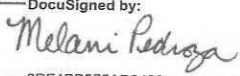
Yes: 8 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Ms. Kohl-Welles,
Ms. Lambert, Mr. McDermott, Mr. von Reichbauer and Mr. Zahilay
Excused: 1 - Mr. Upthegrove

KING COUNTY FLOOD CONTROL ZONE
DISTRICT
KING COUNTY, WASHINGTON

DocuSigned by:

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Dave Upthegrove, Chair

ATTEST:

DocuSigned by:

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Melani Pedroza, Clerk of the District

Attachments: B. 2021 Reallocation Budget, C. 2021 Reallocated Operating Budget, D. 2021 Reallocated Capital Budget, E. 2021-2026 Reallocated Six-Year CIP, G. 2021 Revised Subregional Opportunity Fund Allocations, H. 2021-2026 Six-year CIP Project Allocations + Carryover

King County Flood Control District

2021 Reallocation Budget

Attachment B

June 3, 2021

| Program | 2021 Approved | 2020 Carryover | 2021 Reallocation | 2021 Revised |
|--|--------------------|--------------------|----------------------|--------------------|
| Flood District Administration | 2,338,637 | 0 | 0 | 2,338,637 |
| Maintenance and Operation | 13,171,717 | 975,000 | 0 | 14,146,717 |
| Construction and Improvements | 124,690,145 | 138,856,093 | (8,515,556) | 255,030,682 |
| Bond Retirement and Interest | \$0 | \$0 | \$0 | \$0 |
| Total | 140,200,499 | 139,831,093 | (8,515,556) | 271,516,035 |
| Projected Capital Reserves - Cash Fund Balance ¹ | | 75,134,331 | | 72,013,068 |
| Projected Capital Reserves - Budgetary Fund Balance ² | | (66,983,771) | | (133,942,619) |

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

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

King County Flood Control District

2021 Reallocated Operating Budget

Attachment C

June 3, 2021

| | 2021 Approved | 2020 Carryover | 2021 Revised | Comments |
|--|---------------------|-------------------|---------------------|--|
| Annual Maintenance | \$2,370,715 | | \$2,370,715 | |
| Flood Hazards Plan, Grants, Outreach | \$512,619 | \$275,000 | \$787,619 | Carryover expenditure authority for the Flood Plan Update. |
| Flood Hazard Studies, Maps, Technical Services | \$2,261,254 | \$700,000 | \$2,961,254 | Carryover expenditure authority for levee breach study and SF Skykomish/small stream flood study |
| Flood Preparation, Flood Warning Center | 1,032,536 | | \$1,032,536 | |
| Program Management, Supervision, Finance, Budget | \$1,913,982 | | \$1,913,982 | |
| Program Implementation | \$1,826,273 | | \$1,826,273 | |
| Overhead / Central Costs* | 3,254,337 | | \$3,254,337 | |
| Total | \$13,171,717 | \$975,000 | \$14,146,717 | |

* 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

2021 Reallocated Capital Budget

Attachment D

June 3, 2021

| Basin | Acquisition | Design | Construction | Contingency | Total |
|--------------------------|---------------------|---------------------|----------------------|--------------------|----------------------|
| Snoqualmie River Basin | \$8,077,415 | \$7,173,874 | \$13,788,685 | \$0 | \$29,039,975 |
| Cedar River Basin | \$6,955,866 | \$6,974,863 | \$21,932,715 | \$0 | \$35,863,443 |
| Green River Basin | \$27,971,715 | \$56,930,646 | \$35,222,208 | \$0 | \$120,124,569 |
| White River Basin | \$199,042 | \$1,796,120 | \$200,500 | \$0 | \$2,195,662 |
| Effectiveness Monitoring | \$0 | \$1,692,649 | \$0 | \$0 | \$1,692,649 |
| Countywide Miscellaneous | \$0 | \$0 | \$350,008 | \$1,497,437 | \$1,847,445 |
| Opportunity Fund | \$0 | \$0 | \$21,161,838 | \$0 | \$21,161,838 |
| Grant Funds | \$0 | \$0 | \$43,105,101 | \$0 | \$43,105,101 |
| Total | \$43,204,037 | \$74,568,152 | \$135,761,055 | \$1,497,437 | \$255,030,682 |

King County Flood Control District

2021 - 2026 Reallocated Six-Year CIP

Attachment E

June 3, 2021

| Name | 2021 Approved | 2020 Carryover | 2021 Reallocation | 2021 Revised | 2022 | 2023 | 2024 | 2025 | 2026 | 2021 - 2026 Total |
|-----------------------------|----------------------|--------------------|----------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|----------------------|
| Snoqualmie River Basin | \$16,770,601 | \$17,902,555 | (5,633,181) | 29,039,975 | 17,521,876 | 20,866,356 | 28,667,387 | 13,489,177 | 28,608,974 | 138,193,745 |
| Cedar River Basin | \$19,809,781 | \$16,404,606 | (350,944) | 35,863,443 | 17,000,064 | 14,263,762 | 6,791,719 | 5,132,358 | 3,200,000 | 82,251,346 |
| Green River Basin | \$57,965,522 | \$64,899,255 | (2,740,208) | 120,124,569 | 59,359,758 | 35,821,386 | 54,139,839 | 24,806,000 | 20,962,257 | 315,213,809 |
| White River Basin | \$942,719 | \$1,044,166 | 208,777 | 2,195,662 | 1,896,200 | 8,034,900 | 7,658,704 | 326,900 | 1,000,000 | 21,112,366 |
| Effectiveness Monitoring | \$1,214,460 | \$478,189 | - | 1,692,649 | 1,142,650 | 1,207,500 | 1,039,750 | 911,600 | 894,650 | 6,888,799 |
| Countywide Miscellaneous | \$250,000 | \$1,597,445 | - | 1,847,445 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 3,597,445 |
| Subregional Opportunity Fun | \$5,974,680 | \$15,187,158 | - | 21,161,838 | 5,981,476 | 5,993,630 | 6,006,788 | 6,021,445 | 6,037,760 | 51,202,937 |
| Flood Reduction Grants | \$21,762,382 | \$21,342,719 | - | 43,105,101 | 22,084,082 | 22,410,539 | 22,741,821 | 23,078,000 | 23,419,148 | 156,838,691 |
| Total | \$124,690,145 | 138,856,093 | (8,515,556) | 265,030,682 | 125,336,106 | 108,948,073 | 127,396,008 | 74,115,480 | 84,472,789 | 775,299,138 |

King County Flood Control District

2021 Revised Subregional Opportunity Fund Allocations

Attachment G

June 3, 2021

| Jurisdiction | Opportunity Fund Allocation | Project Name | Project Description |
|----------------------------|--|---|--|
| Algona | \$10,000 DEFERRING | | |
| Auburn | \$95,602 DEFERRING | | |
| Beaux Arts | \$10,000 | 2021 Stormwater Annual Clean and Camera | Annual clean and camera of existing stormwater system |
| Belleve | \$638,151 | Upper Kelsey Creek Phase 2 Culvert/Bridge Replacement at Lake Hills Blvd | Replace a bridge and culvert to alleviate flooding on Lake Hills Blvd during large storm events. |
| Black Diamond | \$10,000 DEFERRING | | |
| Bohnell | \$64,049 DEFERRING | | |
| Burien | \$73,520 Boulevard Park Stormwater Study | | This project will look at existing infrastructure, perform a hydrologic flow analysis and perform preliminary design of several potential improvements to alleviate chronic flooding issues of a neighborhood subsides within Burien. |
| Carnation | \$10,000 DEFERRING | | |
| Clyde Hill | \$28,939 DEFERRING | | |
| Covington | \$27,188 DEFERRING | | |
| Dee Manas | \$41,321 DEFERRING | | |
| Duvall | \$13,888 DEFERRING | | |
| Enumclaw | \$15,385 Balfour Avenue Culvert Replacement | | Amendment adding budget to project that will replace culverts to reduce flooding frequency of road and downtown area |
| Federal Way | \$172,485 DEFERRING | | |
| Hunts Point | \$11,668 2021 Annual Stormwater Clean and Camera | | Remove sediment and debris, early detection of potential storm system problems. |
| Issaquah | \$11,665 DEFERRING | | |
| Kemmer | \$50,481 DEFERRING | | |
| Kent | \$204,609 Lake Fennick Aeration Upgrade | | Amendment to add budget to project that will improve water quality of lake |
| King County | \$483,843 | 1. Natural Drainage Flood Program; 2. Integrated Floodplain Management; 3. Alluvial Fan Mapping | 1. Amendment adding budget that will be used to implement stormwater control improvements that address flooding problems. 2. Support the update to the King County Flood Hazard Management Plan, outlining multi-objective policy and programmatic approaches to floodplain management in King County, including capital investments that will contribute to flood risk reduction, and inform the next KC Comprehensive Plan Update in 2023. Facilitate stronger collaboration and integration with other county, Flood Control District, Title city and partner projects and programs to reduce food risks, restore habitat, center equity, and support community priorities. 3. Support implementation of recommendations in the Alluvial Fan Report, recently transmitted to the County Council to map alluvial fans and associated hazards. This information will be used to develop assess risks to critical infrastructure like roads, homes, and agriculture, and to develop projects, programs, and regulatory reforms to reduce risks while protecting habitat. Develop Surface Water Utility Master Plan to guide the next six years of utility operation. |
| Kirkland | \$237,745 | Kirkland Surface Water Master Plan | |
| Lake Forest Park | \$32,951 DEFERRING | | |
| Maple Valley | \$40,978 DE-24th Place & White Road Culvert | | Replace an existing 24-inch corrugated metal culvert that conveys South Fork Jenkins Creek under SE 254th Place with an adequately sized box culvert to pass 100-year design flows and allow fish passage. |
| Medina | \$45,097 DEFERRING | | |
| Mercer Island | \$145,048 DEFERRING | | |
| Milton | \$10,000 DEFERRING | | |
| Newcastle | \$35,161 DEFERRING | | |
| Normandy Park | \$17,247 DEFERRING | | |
| North Bend | \$1,5624 DEFERRING | | |
| North Pacific | \$10,000 DEFERRING | | |
| Redmond | \$229,191 | Gun Club Creek Culvert Replacement at Willows Road | The culvert where Gun Club Creek flows under Willows Road will be replaced with a 10' wide x 4' high, 105' long concrete box culvert, meeting current standards for capacity and fish passage. The existing culvert is old and undersized. |
| Renton | \$161,411 | Monroe Ave NE Storm System Improvement | The project will remove three fish passage barriers along George Davis Creek and construct 200 linear feet of new stream channel to provide access to one five-mile of salmon spawning habitat. |
| Sammamish | \$191,720 | Geogee David Creek Fish Passage | The project aims to construct a stormwater conveyance system to resolve localized flooding and erosion issues in the Grandview Neighborhood. |
| Snohomish | \$41,000 | S. 22nd St. Damaged Improvements | The project aims to improve the condition of the stormwater system at 42nd Ave. 2. The California Ave SW culvert is undersized and in poor structural condition. A new, significantly larger culvert that means increased future flow and allows for fish passage to be designed. |
| Snoqualmie | \$111,551 | Pump Station 26 Replacement | Amendment to add budget to project that will replace pump station to prevent neighborhood flooding. |
| Skykomish | \$10,000 DEFERRING | | |
| Snoqualmie | \$30,537 DEFERRING | | |
| Tukwila | \$69,705 | Riverton Creek Flapgate Removal | |
| Woodinville | \$41,951 DEFERRING | | |
| Yarrow Point | \$14,140 | 2021 Stormwater Annual Clean and Camera | |
| Jurisdiction Totals | \$5,974,681 | | 2021 Annual Stormwater clean and camera activities for NE 40th St. and 95th Ave NE |

Deferrals \$968,787
Projects \$5,005,894

