



**KING COUNTY
FLOOD CONTROL
DISTRICT**

KING COUNTY FLOOD CONTROL DISTRICT

King County Courthouse
516 Third Avenue
Room 1200
Seattle, WA 98104

Signature Report

FCD Resolution FCD2024-08

Proposed No. FCD2024-08.2

Sponsors

1 A RESOLUTION relating to the operation and finances of
 2 the King County Flood Control Zone District; adopting a
 3 revised 2024 budget, operating budget, capital budget,
 4 six-year capital improvement program for 2024-2029; and
 5 amending Resolution FCD2023-10.

6 WHEREAS, the King County Flood Control Zone District ("the District")
 7 adopted its 2024 work program, budget, operating budget, capital budget, and six-year
 8 capital improvement program in Resolution FCD2023-10, and

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

12 WHEREAS, the carry-forward amount for unspent appropriations from 2023
 13 to 2024 is \$210,957,928, and

14 WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing
 15 on the proposed carry-forward amount and a supplemental budget on June 11, 2024, and

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

FCD Resolution FCD2024-08

20 WHEREAS, the Board desires to adopt amendments to the District's 2024
21 budget, operating budget, capital budget, and six-year capital improvement program;

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

24 SECTION 1. The Board adopts a revised 2024 budget for the District, as set
25 forth in Attachment B to this resolution, titled "2024 Reallocation Budget June 10, 2024,"
26 and amends FCD2023-10, Section 1, accordingly.

27 SECTION 2. The Board adopts a revised 2024 operating budget for the
28 District, as set forth in Attachment C to this resolution, titled "2024 Reallocated
29 Operating Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

30 SECTION 3. The Board adopts a revised 2024 capital budget for the District,
31 consisting of the projects and expenditures Attachment D to this resolution, titled "2024
32 Reallocated Capital Budget June 10, 2024," and amends FCD2023-10, Section 1,
33 accordingly.

34 SECTION 4. The Board adopts a revised six-year capital improvement
35 program for the District, as set forth in Attachment E to this resolution, titled "2024-2029
36 Reallocated Six-Year CIP June 10, 2024," and amends FCD2023-10, Section 1,
37 accordingly.

38 SECTION 5. The Board adopts a revised District Oversight Budget, as set
39 forth in Attachment F to this resolution, titled "2024 Reallocated District Oversight
40 Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

41 SECTION 6. The Board adopts a revised 2024-2029 capital budget project
42 list, as set forth in Attachment H to this resolution, titled "2024-2029 Six-Year CIP

FCD Resolution FCD2024-08

43 Project Allocations + Carryover June 10, 2024," and amends FCD2023-10, Section 1,
44 accordingly.

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

48 B. The 2006 King County Flood Hazard Management Plan ("Flood Plan"),
49 as 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
54 studies and plans have been made, consisting of one or more of the following: the 2006
55 Flood 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
58 supporting data are set forth on Attachments B, C, D, E, F, and H to this resolution.


FCD Resolution FCD2024-08

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

FCD Resolution FCD2024-08 was introduced on 6/5/2024 and passed as amended by the King County Flood Control District on 7/9/2024, by the following vote:

Yes: 9 - Balducci, Barón, Dunn, Dembowski, Mosqueda, Perry, Upthegrove, von Reichbauer and Zahilay

KING COUNTY FLOOD CONTROL DISTRICT
KING COUNTY, WASHINGTON

DocuSigned by:

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Reagan Dunn, Chair

ATTEST:

DocuSigned by:

42A7D875B6B4420...

Russell Pethel, Clerk of the District

Attachments: B. Reallocation Budget June 10, 2024, C. 2024 Reallocated Operating Budget June 10, 2024, D. 2024 Reallocated Capital Budget June 10, 2024, E. 2024-2029 Reallocated Six-Year CIP June 10, 2024, F. 2024 Reallocated District Oversight Budget June 10, 2024, H. 2024-2029 Six-Year CIP Project Allocations + Carryover June 10, 2024

King County Flood Control District

2024 Reallocation Budget

Attachment B

June 10, 2024

Program	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised
Flood District Administration	\$3,438,637	\$0	(\$950,000)	\$2,488,637
Maintenance and Operation	\$16,433,156	\$0	(\$625,000)	\$15,808,156
Construction and Improvements	\$112,188,893	\$210,957,928	\$31,714,537	\$354,861,358
Bond Retirement and Interest	\$0	\$0	\$0	\$0
Total	\$132,060,686	\$210,957,928	\$30,139,537	\$373,158,151
Projected Capital Reserves - Cash Fund Balance ¹	\$25,669,038			(\$65,482)
Projected Capital Reserves - Budgetary Fund Balance ²	(\$187,417,380)			(\$288,095,900)

¹ The cash fund balance assumes an expenditure rate of 21% of the capital budget in 2023, 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

2024 Reallocated Operating Budget

Attachment C

June 10, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Annual Maintenance	\$2,698,298			\$2,698,298	
Flood Hazards Plan, Grants, Outreach	\$1,000,429			\$1,000,429	
Flood Hazard Studies, Maps, Technical Services	\$2,306,712			\$2,306,712	
Flood Preparation, Flood Warning Center	\$1,916,336		(\$625,000)	\$1,291,336	Move Duwmaish king tide forecast funding to capital budget to optimize budgetary oversight.
Program Management, Supervision, Finance, Budget	\$2,106,077			\$2,106,077	
Program Implementation	\$2,515,876			\$2,515,876	
Overhead / Central Costs*	\$3,889,428			\$3,889,428	
Total	\$16,433,156	\$0	(\$625,000)	\$15,808,156	

* 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

2024 Reallocated Capital Budget

Attachment D

June 10, 2024

Basin	Acquisition	Design	Construction	Contingency	Total
Snoqualmie River Basin	\$25,616,670	\$10,038,810	\$21,011,221	\$0	\$56,666,700
Cedar River Basin	\$13,273,920	\$11,039,859	\$27,919,974	\$0	\$52,233,753
Green River Basin	\$25,160,098	\$45,042,348	\$62,512,542	\$0	\$132,714,989
White River Basin	\$1,731,674	\$6,410,322	\$349,362	\$0	\$8,491,358
Effectiveness Monitoring	\$0	\$1,346,649	\$0	\$0	\$1,346,649
Countywide Miscellaneous	\$0	\$0	\$4,777,685	\$1,345,186	\$6,122,871
Opportunity Fund	\$0	\$0	\$21,217,694	\$0	\$21,217,694
Grant Funds	\$0	\$0	\$76,067,344	\$0	\$76,067,344
Total	\$65,782,362	\$73,877,988	\$213,855,822	\$1,345,186	\$354,861,358

King County Flood Control District

2024 - 2029 Reallocated Six-Year CIP

Attachment E

June 10, 2024

Name	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	2025	2026	2027	2028	2029	2024 - 2029 Total
Snoqualmie River Basin	\$29,415,607	\$27,155,406	\$95,687	\$56,666,700	\$15,273,733	\$27,687,983	\$16,215,363	\$12,234,283	\$4,255,000	\$132,333,062
Cedar River Basin	\$17,266,606	\$33,918,941	\$1,048,206	\$52,233,753	\$16,940,339	\$5,039,184	\$4,100,000	\$3,600,000	\$14,100,000	\$96,013,276
Green River Basin	\$25,085,889	\$78,799,765	\$28,829,335	\$132,714,989	\$60,731,512	\$81,536,487	\$142,914,107	\$39,932,419	\$16,241,923	\$474,071,438
White River Basin	\$6,351,490	\$1,973,559	\$166,309	\$8,491,358	\$4,398,388	\$3,214,247	\$2,280,675	\$0	\$1,000,000	\$19,384,668
Effectiveness Monitoring	\$819,080	\$527,569	\$0	\$1,346,649	\$903,780	\$588,180	\$600,280	\$520,730	\$527,350	\$4,486,969
Countywide Miscellaneous	\$2,500,000	\$2,047,871	\$1,575,000	\$6,122,871	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$7,122,871
Subregional Opportunity Funct	\$6,030,423	\$15,187,271	\$0	\$21,217,694	\$6,098,506	\$6,170,535	\$6,243,517	\$6,317,243	\$6,391,431	\$52,438,926
Flood Reduction Grants	\$24,719,798	\$51,347,546	\$0	\$76,067,344	\$25,481,282	\$26,174,250	\$26,866,409	\$27,598,921	\$28,322,139	\$210,510,345
Total	\$112,188,893	\$210,957,928	\$31,714,537	\$354,861,358	\$130,027,540	\$150,610,866	\$199,420,351	\$90,403,596	\$71,037,843	\$996,361,555

King County Flood Control District

2024 Reallocated District Oversight Budget

Attachment F

June 10, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Management & Support	\$1,341,621			\$1,341,621	
Rent and Equipment	\$42,086			\$42,086	
Legal Services	\$250,000			\$250,000	
Accounting	\$130,000			\$130,000	
State Auditor	\$70,000			\$70,000	
Other Professional Services	\$1,501,131		(\$950,000)	\$551,131	Move Climate Corps (\$750K) and farmland lease (\$200K) funding to capital budget to optimize project budgetary oversight.
Expenses	\$19,572			\$19,572	
Insurance	\$84,227			\$84,227	
Total	\$3,438,637	\$0	(\$950,000)	\$2,488,637	

2024 - 2029 Six-Year CIP Project Allocations + Carryover

Attachment H

June 10, 2024

Capital Investment Strategy Project
Grant/External Revenue Awarded
Cost Share Contribution to Others
New Project - 2022 Revised

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expenditure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
1	WLFLO SF SKYKMSH REP LOSS MIT	SF Skykomish	FCD Acqu/Elev	\$6,179,041	\$5,631,609	\$3,000,000	\$547,432	\$0	\$3,547,432	\$1,500,000	\$0	\$0	\$0	\$0	\$5,047,432			\$10,679,041	Near Baring in unincorporated King County. 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. Assumes one home per year.
2	WLFLO TIMBER LN EROSN BUYOUTS	SF Skykomish	FCD Acqu/Elev	\$2,812,095	\$1,972,649	\$2,000,000	\$839,446	\$0	\$2,839,446	\$1,000,000	\$0	\$0	\$0	\$0	\$3,839,446			\$5,812,095	Near Skykomish in unincorporated King County. 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. Assumes one home per year.
3	WLFLO TIMBERLANE 2019 REPAIR	SF Skykomish	FCD Const	\$567,117	\$538,143	\$0	\$28,974	(\$28,974)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$538,143	Near Skykomish in unincorporated King County. Revetment is approximately 300 LF along left bank of South Fork Skykomish River. Unstable section of vertical stacked rock is approximately 150 LF. Failure has occurred previously in this section of revetment.
4	WLF1 BENDIGO UPR SETBACK NORTH BEND	Upper Snoq	Agreement	\$50,000	\$2,739	\$0	\$47,261	\$0	\$47,261	\$0	\$0	\$0	\$0	\$4,200,000	\$4,247,261			\$4,250,000	North Bend. Cost-share of \$8.4M levee setback project. The levee overtops at a 20-year or greater flood, inundating undeveloped property, railway lines and roadways. Project would reconnect 25 acres of floodplain and construct a new levee that meets current engineering guidelines. City has submitted grant application for the remaining \$4.2 million.
5	WLF1 CIRCLE RVR RANCH RISK RED	Upper Snoq	FCD Const	\$1,547,800	\$1,432,463	\$576,600	\$115,337	\$0	\$691,937	\$9,720	\$0	\$0	\$0	\$0	\$701,657			\$2,134,120	Near North Bend in unincorporated King County in unincorporated King County. 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.
6	WLF1 CITY SNOQ ACQUISITIONS	Upper Snoq	Agreement	\$3,000,000	\$0	\$0	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000			\$3,000,000	City of Snoqualmie. Acquire several flood-prone homes in the areas around Walnut St and Northern St.
7	WLF1 CITY SNOQ HOME ELEVATIONS	Upper Snoq	Agreement	\$1,468,000	\$0	(\$968,000)	\$1,468,000	\$0	\$500,000	\$500,000	\$468,000	\$0	\$0	\$0	\$1,468,000			\$1,468,000	City of Snoqualmie. Elevate several flood-prone homes in the areas around Walnut St and Northern St.
8	WLF1 MASON THORSON ELLS 2022 REPAIR	Upper Snoq	FCD Const	\$205,000	\$159,119	\$0	\$45,881	\$0	\$45,881	\$0	\$0	\$0	\$0	\$0	\$45,881			\$205,000	Near North Bend in unincorporated King County in unincorporated King County. New project. Provide 20% local match to repair erosion to the downstream end of the Mason Thorson Ellis levee under the US Army Corps of Engineers (USACE) PL 84-99 Levee Rehabilitation and Inspection Program (RIP). The downstream 60-feet of the levee was damaged during the February 2020 flood event and the proposed project will repair the damage and reduce future erosion risk to the facility.
9	WLF1 MF FLOOD CONVEYANCE N BEND	Upper Snoq	Agreement	\$1,800,000	\$0	\$0	\$1,800,000	\$0	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000			\$1,800,000	North Bend. Overflow channels originating from the Middle Fork Snoqualmie River flow through neighborhoods and cross roads creating risk to homes and infrastructure. Potential solutions include channel modifications, enhancements, and culvert improvements.
10	WLF1 MF RESIDENTIAL FLD MTG TN	Upper Snoq	FCD Acqu/Elev	\$1,732,261	\$20,030	\$500,000	\$1,712,231	\$0	\$2,212,231	\$0	\$0	\$0	\$0	\$0	\$2,212,231			\$2,232,261	Near North Bend in unincorporated King County in unincorporated King County. Work with willing sellers to acquire eighteen homes at risk from channel migration along the Middle Fork (Project C in the Capital Investment Strategy).
11	WLF1 NF CONFLUENCE REVETMENT REMOVAL	Upper Snoq	FCD Const	\$128,356	\$18,848	\$682,704	\$109,508	\$0	\$792,212	\$13,800	\$0	\$0	\$0	\$0	\$806,012			\$824,860	Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
12	WLF1 NF SNOQUALMIE RES FLD MIT	Upper Snoq	FCD Acqu/Elev	\$2,000,053	\$53	\$500,000	\$2,000,000	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000			\$2,500,053	Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
13	WLF1 NORMAN CREEK DS CULV	Upper Snoq	Agreement	\$724,000	\$722,080	\$0	\$1,920	\$0	\$1,920	\$0	\$0	\$0	\$0	\$0	\$1,920			\$724,000	Near North Bend in unincorporated King County. Complete. Replace two existing rusted out 48" corrugated metal pipes on Norman Creek under 428th Ave SE with a new precast concrete box culvert. The new culvert will reduce the time it takes to drain the flood waters off of private property by increasing the capacity of the crossing. Currently when the North Fork Snoqualmie River overflows water backs up against 428th and impedes use of the roadway as the Norman Creek crossing is the normal outflow for this flood water once the North Fork has overtopped the adjacent levees.
14	WLF1 NORMAN CREEK US 2024 CULV	Upper Snoq	Agreement	\$350,000	\$11,271	\$750,000	\$338,729	\$0	\$1,088,729	\$0	\$0	\$0	\$0	\$0	\$1,088,729			\$1,100,000	Near North Bend in unincorporated King County. Improve SE 92nd Street, east of 428th Street, and alleviate roadway flooding by installing a new box culvert.
15	WLF1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	Agreement	\$464,583	\$420,269	\$0	\$44,315	(\$44,315)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$420,269	Near North Bend in unincorporated King County. 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. Alternatives analysis report scheduled for submittal in Q3; total project cost may be revised based on the selected alternative.
16	WLF1 PUMP STATION REVETMENT IMPROVEMENTS	Upper Snoq	FCD Const	\$103,030	\$22,618	\$181,529	\$0	\$80,551	\$262,080	\$205,078	\$1,099,965	\$0	\$0	\$0	\$1,567,123			\$1,589,741	Snoqualmie. The Pump Station Revetment reduces erosion risk to a City of Snoqualmie sewage pump station. Erosion to the embankment at the upstream end of the Pump Station Revetment threatens the upstream end of the facility. The project would consider and implement improvements to the facility to reduce future erosion risk.
17	WLF1 RECORD OFFICE 2016 REPAIR	Upper Snoq	Agreement	\$3,883,278	\$3,691,154	\$0	\$192,124	(\$192,124)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$3,691,154	Snoqualmie. 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, completed in 2021.
18	WLF1 REIF RD LEVEE IMPROVEMENTS	Upper Snoq	FCD Const	\$67,000	\$354	\$0	\$66,646	\$0	\$66,646	\$600,000	\$600,000	\$160,000	\$0	\$0	\$1,426,646			\$1,427,000	Near North Bend in unincorporated King County in unincorporated King County. 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.
19	WLF1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	FCD Const	\$6,891,008	\$6,906,947	\$0	(\$15,939)	\$18,939	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000			\$6,909,947	Near North Bend in unincorporated King County in unincorporated King County. Repair three primary damage sites just upstream and directly across from the South Fork Snoqualmie confluence totaling ~285 lineal feet. Completed in 2021.
20	WLF1 RIBARY CREEK N BEND	Upper Snoq	Agreement	\$952,660	\$266,819	\$1,157,949	\$685,841	\$0	\$1,843,790	\$5,011,044	\$0	\$0	\$0	\$0	\$6,854,834			\$7,121,653	North Bend. Address flooding from Ribary Creek at Bendigo Blvd in North Bend as the Snoqualmie levees prevent drainage to the river during high flows.
21	WLF1 SF CIS LONG TERM	Upper Snoq	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$57,100,000	\$57,100,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
22	WLF1 SF CIS MED TERM	Upper Snoq	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,200,000	\$47,200,000	\$47,200,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
23	WLF1 SHAKE MILL LB 2016 REPAIR	Upper Snoq	FCD Const	\$3,139,161	\$2,939,679	\$0	\$199,482	\$0	\$199,482	\$0	\$0	\$0	\$0	\$0	\$199,482			\$3,139,161	Near North Bend in unincorporated King County in unincorporated King County. Complete. 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	WLF1 TATE CR SCOUR FEASIBILITY	Upper Snoq	Agreement	\$150,000	\$775	\$350,000	\$149,225	\$0	\$499,225	\$0	\$0	\$0	\$0	\$0	\$499,225			\$500,000	Near North Bend in unincorporated King County. 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.
25	WLF1 UPR SNO RES FLD MITG TN	Upper Snoq	FCD Acqu/Elev	\$15,553,740	\$13,784,680	\$2,000,000	\$1,769,060	\$730,940	\$4,500,000	\$0	\$0	\$0	\$0	\$0	\$4,500,000			\$18,284,680	In and around Snoqualmie. 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 City of Snoqualmie to elevate homes and cost-share acquisition of homes where City is planning to construct the Riverwalk project.
26	WLF1 USACE PL 84-99 UPPER SNO	Upper Snoq	FCD Const	\$663,594	\$249,202	\$0	\$414,392	(\$414,392)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$249,202	Near North Bend in unincorporated King County in unincorporated King County. 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.
27	WLF2 264TH AVE NE AT SR 202 FLD IMPRV MNT	Lower Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000	\$0	\$0	\$0	\$0	\$0			\$540,000	Near Redmond. Alleviate flooding on this sole access road by replacing the existing culverts and raising the roadway to eliminate over-topping during flood events.
28	WLF2 334TH AVE SE & SE 43RD PL FLD IMPRV MNT	Lower Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0			\$500,000	Near Fall City in unincorporated King County. Improve drainage to alleviate neighborhood flooding by constructing a drainage system to flow to the Snoqualmie River.
29	WLF2 DUTCHMAN RD REPAIR	Lower Snoq	FCD Const	\$1,536,907	\$1,267,653	\$1,112,642	\$269,254	\$0	\$1,381,896	\$1,581,189	\$6,873,365	\$28,363	\$0	\$0	\$9,864,813			\$11,132,466	Near North Bend in unincorporated King County in unincorporated King County. 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 Near Duvall in unincorporated King County. 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.
30	WLF2 FALL CITY FLOODPLAIN RESTORATION	Lower Snoq	Agreement	\$300,000	\$66	\$0	\$299,934	\$0	\$299,934	\$0	\$0	\$0	\$0	\$0	\$299,934			\$300,000	Near Fall City in unincorporated King County. Project will reconnect floodplain, removing the aging Hafner and Barfuss facilities and replacing with modern flood and erosion protection features. FCD cost-share funding is intended for design of flood risk reduction features.
31	WLF2 FARM FLOOD TSK FORCE IMP	Lower Snoq	FCD Acqu/Elev	\$979,803	\$853,997	\$0	\$125,806	\$0	\$125,806	\$0	\$0	\$0	\$0	\$0	\$125,806			\$979,803	Near Carnation in unincorporated King County. This project provides technical and cost-sharing assistance to agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads and elevation or flood proofing of agricultural structures.
32	WLF2 FISH HATCHERY RD BR #61B REPAIR	Lower Snoq	Agreement	\$700,000	\$204,503	\$0	\$495,497	\$0	\$495,497	\$0	\$0	\$0	\$0	\$0	\$495,497			\$700,000	Near Duvall in unincorporated King County. Strengthen the bridge structure to stabilize it after the most recent flood event, rebuild the east approach roadway to address the current issue and to protect it against major flood events in the future, and restore the eroded creek bed and riverbank profile to buffer the bridge against scour.
33	WLF2 L SNO 2019 BANK REPAIR	Lower Snoq	Agreement	\$2,200,000	\$1,078,929	\$0	\$1,121,071	\$0	\$1,121,071	\$0	\$0	\$0	\$0	\$0	\$1,121,071			\$2,200,000	Near Fall City in unincorporated King County. The river is scouring the road away and David Powell Road is collapsing into the river. This project repaired an existing failing revetment and extend MSE wall to prevent undercutting of the riverbank and roadway. Completed in September 2020.
34	WLF2 LWR SNO RESLD FLD MITG TN	Lower Snoq	FCD Acqu/Elev	\$5,592,577	\$3,294,973	\$3,224,247	\$2,297,604	\$0	\$5,521,851	\$0	\$0	\$0	\$0	\$0	\$5,521,851			\$8,816,824	Near Carnation in unincorporated King County: This project will acquire or elevate flood-prone structures in the lower Snoqualmie basin to reduce the risk of flood or channel migration damage during future flood events.
35	WLF2 MUD CREEK SEDIMENT FACILITY	Lower Snoq	FCD Const	\$432,000	\$30,101	\$0	\$401,899	\$0	\$401,899	\$0	\$0	\$0	\$0	\$0	\$401,899			\$432,000	Snoqualmie. Design and permit a sediment facility to minimize sediment deposition, flooding, and channel avulsions at this site.
36	WLF2 SNOQUALMIE VALLEY FEAS	Lower Snoq	Agreement	\$500,000	\$315,649	\$500,000	\$184,351	\$0	\$684,351	\$0	\$0	\$0	\$0	\$0	\$684,351			\$1,000,000	Near Duvall in unincorporated King County. 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.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expenditure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
37	WFL2 STOSSEL RB 2018 REPAIR	Lower Snoq	FCD Const	\$1,057,886	\$1,041,342	\$0	\$16,544	\$0	\$16,544	\$0	\$0	\$0	\$0	\$0	\$16,544			\$1,057,886	Near Carnation in unincorporated King County. This completed project repaired approximately 250 feet of damage identified in late March 2018 to a section of the Stossel Bridge Right Bank Revetment on the Snoqualmie River, downstream of the City of Near Carnation in unincorporated King County.
38	WFL2 STOSSEL LONG TERM REPAIR	Lower Snoq	FCD Const	\$657,078	\$723,877	\$2,435,174	(\$66,799)	\$0	\$2,368,375	\$31,827	\$0	\$0	\$0	\$0	\$2,400,202			\$3,124,079	Near Carnation in unincorporated King County. Placeholder costs for long-term facility improvement project to prevent erosion undermining 310th Ave NE.
39	WFL3 HOLBERG 2019 REPAIR	Tolt	FCD Const	\$250,000	\$0	\$0	\$250,000	\$0	\$250,000	\$70,000	\$65,000	\$377,000	\$0	\$0	\$762,000			\$762,000	Near Carnation in unincorporated King County. Facility failure has consequences for property owners immediately landward of facility. Potential for high flows and erosive damage to residences and property.
40	WFL3 HOLBERG FEASIBILITY	Tolt	FCD Const	\$394,845	\$362,718	\$0	\$32,127	\$0	\$32,127	\$0	\$0	\$0	\$0	\$0	\$32,127			\$394,845	Near Carnation in unincorporated King County. 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 Tolt River Channel Migration study.
41	WFL3 LOWER FREW LEVEE SETBACK	Tolt	FCD Const	\$2,251,096	\$1,026,489	\$2,153,567	\$1,224,607	\$0	\$3,378,174	\$750,000	\$14,644,681	\$50,000	\$0	\$0	\$18,822,855			\$19,849,344	Near Carnation in unincorporated King County. Capital Investment Strategy. Design, based on level of service analysis, the highest priority levee setback for flood risk reduction. Phase 2 construction estimated in CIS at \$14.5M-\$16.7M.
42	WFL3 LOWER TOLT RIVER ACQUISITION	Tolt	FCD Acqui/Elev	\$1,546,475	\$562,696	\$2,500,000	\$983,779	\$0	\$3,483,779	\$0	\$0	\$0	\$0	\$0	\$3,483,779			\$4,046,475	Near Carnation in unincorporated King County. Acquire high-priority flood risk reduction properties in the lower two miles of the Tolt River consistent with the adopted Capital Investment Strategy.
43	WFL3 RIO VISTA PROPERTY ACQ	Tolt	FCD Acqui/Elev	\$3,606,331	\$2,634,441	\$2,000,000	\$971,890	\$0	\$2,971,890	\$1,000,000	\$0	\$0	\$0	\$0	\$3,971,890			\$6,606,331	Near Carnation in unincorporated King County. Capital Investment Strategy. Acquire at-risk homes from willing sellers.
44	WFL3 SAN SOUCI NBRHOOD BUYOUT	Tolt	FCD Acqui/Elev	\$5,656,463	\$5,046,463	\$1,000,000	\$610,000	\$0	\$1,610,000	\$0	\$0	\$0	\$0	\$0	\$1,610,000			\$6,656,463	Near Carnation in unincorporated King County. Capital Investment Strategy. Acquire at-risk homes from willing sellers.
45	WFL3 TOLT R RD ELEV SAN SOUCI	Tolt	FCD Const	\$125,000	\$66,545	\$0	\$58,455	\$0	\$58,455	\$0	\$0	\$0	\$0	\$0	\$58,455			\$125,000	Near Carnation in unincorporated King County. Capital Investment Strategy. Construct Tolt Road NE road elevation or other flood risk reduction mitigation.
46	WFL3 SEDIMENT MGMT FEAS	Tolt	FCD Const	\$263,706	\$219,978	\$0	\$43,728	\$0	\$43,728	\$0	\$0	\$0	\$0	\$0	\$43,728			\$263,706	Near Carnation in unincorporated King County. Capital Investment Strategy. Conduct sediment management feasibility study. Update and include upper watershed sediment production estimates.
47	WFL3 SR 203 BR IMPRVMTS FEAS	Tolt	FCD Const	\$395,900	\$216,990	\$0	\$178,910	\$0	\$178,910	\$0	\$0	\$0	\$0	\$0	\$178,910			\$395,900	Near Carnation in unincorporated King County. 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.
48	WFL3 TOLT CIS LONG TERM	Tolt	FCD Const				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$28,800,000	\$28,800,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
49	WFL3 TOLT CIS MED TERM	Tolt	FCD Const				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,250,000	\$56,250,000	\$56,250,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
50	WFL3 TOLT R LEVEE L.O.S. ANALYSIS	Tolt	FCD Const	\$1,132,951	\$990,037	\$0	\$142,914	\$0	\$142,914	\$0	\$0	\$0	\$0	\$0	\$142,914			\$1,132,951	Near Carnation in unincorporated King County. Capital Investment Strategy. Conduct a detailed hydraulic analysis to optimize the elevation of new levees to maximize flood risk reduction benefits.
51	WFL3 TOLT R NATURAL AREA ACQ	Tolt	FCD Acqui/Elev	\$5,207,655	\$3,776,188	\$2,000,000	\$1,431,467	\$0	\$3,431,467	\$0	\$0	\$0	\$0	\$0	\$3,431,467			\$7,207,655	Near Carnation in unincorporated King County. Capital investment strategy. Acquire at-risk homes from willing sellers.
52	WFL3 GIRL SCOUT LEVEE SETBACK	Tolt	FCD Const	\$50,000	\$18,784	\$200,000	\$0	\$200,000	\$500,000	\$1,050,000	\$650,000	\$9,876,954	\$25,000	\$12,301,954	\$12,301,954			\$12,320,738	Near Carnation in unincorporated King County. This project will set back the Girl Scout Camp Levee to reduce flood risks to the Girl Scout Camp and Remlinger Farms, improve levee integrity, increase the lateral migration area and area for ongoing sediment deposition, reduce long-term levee maintenance costs, and improve instream, floodplain and riparian habitat functions. This project is tied to and contingent on the FCD's decisions on the Tolt Level of Service study.
53	WFL3 REMLINGER LEVEE IMPROVEMENTS	Tolt	FCD Const	\$87,459	\$0	\$149,195	\$0	\$149,195	\$169,774	\$1,136,972	\$0	\$0	\$0	\$0	\$1,455,941			\$1,455,941	Near Carnation in unincorporated King County Repair approximately 250 feet of the Remlinger Levee. Scope of project may be modified once Tolt River Level of Service project is completed; schedule is contingent on FCD direction on the Tolt level of service project.
54	WFL3 TOLT R RD NE IMPROVEMENTS	Tolt	FCD Const			\$0	\$0	\$0	\$91,301	\$250,000	\$150,000	\$2,342,329	\$30,000	\$2,863,630	\$2,863,630			\$2,863,630	Near Carnation in unincorporated King County Capital Investment Strategy. Initiate design for elevation of one road location to reduce or eliminate isolation. Implement additional road elevations as funds become available.
55	WFL3 UPPER FREW LEVEE SETBACK	Tolt	FCD Const	\$50,175	\$12,540	\$160,000	\$37,635	\$0	\$197,635	\$1,200,000	\$1,500,000	\$14,800,000	\$15,000	\$17,712,635	\$17,712,635			\$17,725,175	Near Carnation in unincorporated King County. Capital Investment Strategy. Initiate the levee setback design. Levee setback to increase sediment storage and floodwater conveyance; protect adjacent development; reduce damage to trail bridge.
56	WFL4 ALPINE MANOR NEIGHBORHOOD BUYOUTS	Raging	FCD Acqui/Elev	\$2,183,810	\$1,753,880	\$1,250,000	\$429,930	\$0	\$1,679,930	\$0	\$0	\$0	\$0	\$0	\$1,679,930			\$3,433,810	Near Preston in unincorporated King County. Acquisition of at-risk homes in the Alpine Manor neighborhood.
57	WFL4 RAGING SCOUR REPAIR 2017	Raging	Agreement	\$80,000	\$25,062	\$0	\$54,938	(\$54,938)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$25,062	Near Fall City in unincorporated King County Complete. 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.
58	Snoqualmie-South Fork Skykomish Subtotal			\$91,669,894	\$64,315,402	\$29,415,607	\$27,155,406	\$95,687	\$56,666,700	\$15,273,733	\$27,687,983	\$16,215,363	\$12,234,283	\$4,255,000	\$132,333,062			\$385,998,464	
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61	WFL5 ALLEN LK OUTLET IMPRVMT	Sammamish	Agreement	\$881,256	\$124,685	\$1,500,000	\$756,571	\$0	\$2,256,571	\$400,000	\$10,000	\$0	\$0	\$0	\$2,666,571			\$2,791,256	Sammamish. To address chronic flooding on this sole access roadway with approximately 200 properties, look at upstream and downstream retention/detention options; study road-raising options; prepare Concept Development Report, analyze and select best options.
62	WFL5 GEORGE DAVIS CRK CITY OF SAMMAMISH	Sammamish	Agreement	\$400,000	\$0	\$0	\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000			\$400,000	Sammamish. This project will restore access to one river mile of high quality kokanee salmon habitat and reduce the risk of flooding by reducing sediment deposition.
63	WFL5 IRWIN R 2020 REPAIR	Sammamish	FCD Const	\$836,037	\$798,562	\$0	\$37,475	\$0	\$37,475	\$0	\$0	\$0	\$0	\$0	\$37,475			\$836,037	Near Issaquah in unincorporated King County. Further damage to the facility could cut off the sole access to one resident (via a private road and bridge over the creek).
64	WFL5 ISSAQUAH CREEK CIS	Sammamish	FCD Const	\$200,000	\$17,168	\$780,000	\$182,832	\$0	\$962,832	\$300,000	\$0	\$0	\$0	\$0	\$1,262,832			\$1,280,000	Near Issaquah in unincorporated King County. Identify and prioritize near-, mid-, and long-term capital projects for Flood Control District funding along Near Issaquah in unincorporated King County Creek.
65	WFL5 JEROME 2020 REPAIR	Sammamish	Agreement	\$355,083	\$80,329	\$0	\$274,754	\$0	\$274,754	\$0	\$0	\$0	\$0	\$0	\$274,754			\$355,083	Issaquah. The Jerome Revetment protects three private residences in the City of Issaquah. Erosion of the revetment could result in loss of property and damage to private utilities. Loss of bank in front of middle property. 70 linear feet (LF) of erosion.
66	WFL5 LK SAMMAMISH FLOOD MIT GRANTS	Sammamish	Agreement	\$1,000,000	\$8,106	\$0	\$991,894	\$0	\$991,894	\$0	\$0	\$0	\$0	\$0	\$991,894			\$1,000,000	Issaquah: Funding for a near-term grant program to help fund flood mitigation options for lakeside landowners, such as floating docks, relocation or elevation of outbuilding and other damage-reduction and floodproofing measures. Established pursuant to FCDEM2021-3.
67	WFL5 MOMB 2020 REPAIR	Sammamish	FCD Const	\$379,342	\$325,195	\$525,000	\$54,147	\$0	\$579,147	\$15,000	\$0	\$0	\$0	\$0	\$594,147			\$919,342	Near Issaquah in unincorporated King County. Damage to the SE 156th St. road next flood season could cut off the sole access to a community of about 30 homes. More erosion at the downstream end of the facility may further destabilize the steep slope of the landslide and threaten downstream homeowners.
68	WFL5 SAMMAMISH CIS	Sammamish	FCD Const	\$2,368,401	\$1,630,378	\$784,719	\$738,023	\$0	\$1,522,742	\$0	\$0	\$0	\$0	\$0	\$1,522,742			\$3,153,120	Redmond, Woodinville, Bothell, and Kenmore: Identify and prioritize near-, mid-, and long-term capital projects for Flood Control District funding along the Sammamish River.
69	WFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	FCD Const	\$4,221,871	\$3,927,652	\$400,000	\$294,219	\$238,106	\$932,325	\$0	\$0	\$0	\$0	\$0	\$932,325			\$4,859,977	Redmond. 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. Design only, does not include implementation costs. 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. Project is currently on hold pending completion of a 3rd party review.
70	WFL6 148TH AVE SE LARSEN LK BELLEVUE	Lk Wash Tribs	Agreement	\$538,500	\$434,223	\$0	\$104,277	\$0	\$104,277	\$0	\$0	\$0	\$0	\$0	\$104,277			\$538,500	Bellevue. Conduct a site assessment and initiate preliminary design to progress toward construction of best drainage treatments and resilient design to reduce or eliminate roadway flooding on 148th Ave SE. Improve high water flow capacity for Larsen Lake/Lake Hills Greenbelt to Kelsey Creek where it floods 148th Avenue SE during moderate to severe storm and longer duration rainfall periods.
71	WFL6 BEAR CRK FLOOD EROSION REDMOND	Lk Wash Tribs	Agreement	\$1,550,000	\$128	\$0	\$1,549,872	\$0	\$1,549,872	\$0	\$0	\$0	\$0	\$0	\$1,549,872			\$1,550,000	Redmond. Protect Avondale Rd from an embankment that has been scoured by floodwaters from Bear Creek.
72	WFL6 FACTORIA BLVD DRAINAGE	Lk Wash Tribs	Agreement	\$6,814,000	\$0	\$0	\$6,814,000	\$0	\$6,814,000	\$0	\$0	\$0	\$0	\$0	\$6,814,000			\$6,814,000	Bellevue. Reduce flooding during high-intensity storm events along Factoria Boulevard, a major transportation corridor within the City of Bellevue. These events have increased in frequency and are anticipated to be even more frequent in the future as a result of climate change.
73	WFL6 ISSAQUAH TRIB FEAS	Lk Wash Tribs	Agreement	\$350,000	\$323,371	\$0	\$26,629	\$0	\$26,629	\$0	\$0	\$0	\$0	\$0	\$26,629			\$350,000	Near Issaquah in unincorporated King County. Prepare a feasibility analysis report which will include, but is not limited to, surveying, geotechnical analysis, traffic analysis, and hydraulic analysis to identify potential solutions to bridge deficiencies, including a constructed hydraulic opening with piles that collect debris and pose risks to the stability of the bridge.
74	WFL6 LOWER COAL CRK PH I	Lk Wash Tribs	Agreement	\$11,846,592	\$11,529,354	\$1,310,000	\$317,238	\$0	\$1,627,238	\$1,432,358	\$0	\$0	\$0	\$0	\$3,059,596			\$14,588,950	Bellevue. 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.
75	WFL6 MAY VALLEY 186TH AVE SE CULVERT	Lk Wash Tribs	FCD Const			\$500,000	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000			\$500,000	Near Renton in unincorporated King County. Reduce surface water flooding by replacing the culvert on East-West ditch under 186th Avenue SE.
76	WFL6 MAY VALLEY DRAINAGE IMPRVMT	Lk Wash Tribs	Agreement	\$530,000	\$270,747	\$0	\$259,253	\$0	\$259,253	\$0	\$0	\$0	\$0	\$0	\$259,253			\$530,000	Newcastle. As recommended in the May Creek Basin Plan, two sediment traps will be constructed on May Creek tributaries (Cabbage and Country Creeks) to limit sediment loading. FCD funding is for initial feasibility analysis, landowner outreach, and acquisition of property from willing sellers for a future sediment facility.
77	WFL7 BELMONDO 2020 REPAIR	Cedar	FCD Const	\$391,800	\$420,694	\$1,546,469	(\$28,894)	\$0	\$1,517,575	\$18,000	\$0	\$0	\$0	\$0	\$1,535,575			\$1,956,269	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extends. Potential human injury from sudden change in conditions. Generally exposed bank - damage likely to occur next major high-flow event.
78	WFL7 BYERS NEIGHBORHOOD IMPROVEMENTS	Cedar	FCD Const	\$220,000	\$7,954	\$0	\$212,046	\$0	\$212,046	\$0	\$0	\$0	\$0	\$0	\$212,046			\$220,000	Near Renton in unincorporated King County. Capital Investment Strategy. Take several actions to reduce flood risk including construction of an emergency egress route, acquisition of flood-prone homes, and possible elevation of neighborhood roads. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
79	WFL7 CDR PRE-CONST STRTGC ACQ	Cedar	FCD Acqui/Elev	\$8,330,532	\$5,276,138	\$2,000,000	\$3,054,394	\$0	\$5,054,394	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$15,054,394			\$20,330,532	Near Renton in unincorporated King County. This project will acquire strategic real estate upon which several large Flood Control District capital projects are dependent (Project J in the Capital Investment Strategy). Assumes 3 homes per year.
80	WFL7 CEDAR CIS LONG TERM	Cedar	FCD Acqui/Elev				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,400,000	\$35,400,000	\$35,400,000	Near Renton in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
81	WFL7 CEDAR CIS MED TERM	Cedar	FCD Acqui/Elev				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000,000	\$22,000,000	\$22,000,000	Near Renton in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
82	WFL7 CEDAR R DWNSTREAM 2024 IMPV	Cedar	Agreement		\$0	\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000			\$150,000	Near Renton in unincorporated King County Improve Cedar Grove Road near Byers Road SE and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
83	WFL7 CEDAR RES FLOOD MITIGATION	Cedar	FCD Acqui/Elev	\$4,605,134	\$3,522,731	\$1,732,989	\$1,082,403	\$0	\$2,815,392	\$2,000,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$11,215,392			\$14,738,123	Near Renton in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee. Project K on the CIS: Risk analysis has identified 53 homes as high risk from flooding and channel migration, but which are not mitigated by projects. Elevate or purchase approximately 2 homes per year.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expenditure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
84	WFLF7 CEDAR RVR GRAVEL REMOVAL	Cedar	Agreement	\$12,835,100	\$10,574,387	\$0	\$2,260,713	\$0	\$2,260,713	\$500,000	\$500,000	\$500,000	\$0	\$0	\$3,760,713			\$14,335,100	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
85	WFLF7 CEDAR R GRAVEL PHASE II	Cedar	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500,000	\$10,500,000			\$10,500,000	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
86	WFLF7 CITY OF RENTON LEVEE CERTIFICATION	Cedar	Agreement	\$5,000,000	\$1,078,341	(\$3,312,078)	\$3,921,659	\$0	\$609,581	\$2,500,000	\$812,078	\$0	\$0	\$0	\$3,921,659			\$5,000,000	Renton. Levee improvements necessary to satisfy levee certification engineering recommendations.
87	WFLF7 CRT SITE 5 2020 REPAIR	Cedar	FCD Const	\$568,015	\$329,122	\$99,605	\$238,893	\$0	\$338,498	\$2,200,000	\$20,000	\$0	\$0	\$0	\$2,558,498			\$2,887,620	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
88	WFLF7 CRT SITE 5B 2020 REPAIR	Cedar	FCD Const	\$320,000	\$325,321	\$0	(\$5,321)	\$10,321	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000			\$330,321	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
89	WFLF7 CRT2 ZONE D 2020 REPAIR	Cedar	Agreement	\$5,335,656	\$2,808	\$0	\$5,332,848	\$0	\$5,332,848	\$0	\$0	\$0	\$0	\$0	\$5,332,848			\$5,335,656	Near Renton in unincorporated King County Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Damage may occur next flood season/likelihood increasing. This repair addresses damage to the CRT 2 revetment downstream of the 2020 emergency repair site, retrofitting the 2020 emergency repair with wood bank deflectors for long-term protection, and extending CRT 2 upstream to replace the damaged Riverbend Lower revetment, which will be removed as part of the Riverbend phase 2 project.
90	WFLF7 CRT SITE 2 2020 REPAIR	Cedar	Agreement	\$1,233,000	\$1,234,169	\$1,169	(\$1,169)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,234,169	Near Renton in unincorporated King County Complete. This emergency action will armor up to 300 feet river bank and construct a buried revetment to stabilize the bank and prevent further erosion to the most damaged portion. This emergency action and the subsequent extension are upstream of the CRT 2 revetment in an area referred to as "Zone B."
91	WFLF7 DORRE DON AVULSION ANALYSIS	Cedar	FCD Const	\$100,000	\$42,152	(\$58,107)	\$57,848	\$259	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$42,152	Near Renton in unincorporated King County. The main channel has avulsed into the previous left floodplain, leading to erosion of the channel bank adjacent to 231st PI SE.
92	WFLF7 DORRE DON NBHOOD IMPRVMT	Cedar	FCD Const	\$800,000	\$0	\$0	\$800,000	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000			\$800,000	Near Renton in unincorporated King County. Capital Investment Strategy: This project will acquire flood-prone homes per the Cedar CIS, as well as evaluate if changes to the levee and road elevation will result in meaningful flood risk reduction and to determine what level of protection can be provided. The study would also evaluate other structural improvements such as raising Lorre Don Way SE upstream and downstream of the trail crossing and farther downstream near RM 16.3. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
93	WFLF7 HERZMAN LEVEE SETBACK	Cedar	FCD Const	\$3,712,467	\$3,905,049	\$8,313,677	(\$192,582)	\$0	\$8,121,095	\$121,364	\$0	\$0	\$0	\$0	\$8,242,459			\$12,147,508	Near Renton in unincorporated King County. Capital Investment Strategy: Setback levee; excavate side-channel to reduce pressure on revetment; reconstruct, reinforce and/or extend revetment; acquire up to 5 properties.
94	WFLF7 ISSAQUAH MAY VALLEY IMPV	Cedar	Agreement	\$100,000	\$88,319	\$0	\$11,681	\$0	\$11,681	\$0	\$0	\$0	\$0	\$0	\$11,681			\$100,000	Near Issaquah in unincorporated King County. This project will construct improvements to the intersection which could be either a roundabout or additional travel lanes with a travel signal at the intersection of Near Issaquah in unincorporated King County Hobart Road SE and SE May Valley Road. Complete.
95	WFLF7 JAN ROAD LEVEE SETBACK	Cedar	FCD Const	\$15,976,060	\$15,106,382	\$0	\$869,678	\$0	\$869,678	\$0	\$0	\$0	\$0	\$0	\$869,678			\$15,976,060	Near Renton in unincorporated King County. Capital Investment Strategy: Suite of solutions to be determined as part of feasibility study. Includes raise road, partial removal of Jan Road levee, construction of side channel, and mitigation of at-risk properties. Construction completed in 2022.
96	WFLF7 LOWER CEDAR FEASIBILITY STUDY	Cedar	Agreement	\$520,000	\$184,866	\$0	\$335,134	\$0	\$335,134	\$165,239	\$0	\$0	\$0	\$0	\$500,373			\$685,239	Renton. Capital Investment Strategy: Conduct feasibility study of Lower Cedar reach in City of Renton to 1) quantify economic damage potential 2) determine infrastructure modifications to improve flood resiliency and sediment storage potential, and 3) conduct cost-benefit analysis.
97	WFLF7 LOWER JONES ROAD NEIGHBORHOOD	Cedar	FCD Const	\$2,654,203	\$682,439	\$0	\$1,971,764	\$0	\$1,971,764	\$0	\$0	\$0	\$0	\$0	\$1,971,764			\$2,654,203	Near Renton in unincorporated King County. 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.
98	WFLF7 MADSEN CR CULVERT 2017	Cedar	Agreement	\$3,326,000	\$3,238,413	\$0	\$87,587	\$0	\$87,587	\$0	\$0	\$0	\$0	\$0	\$87,587			\$3,326,000	Near Renton in unincorporated King County 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.
99	WFLF7 MADSEN CR RENTON	Cedar	Agreement	\$635,000	\$619,827	(\$15,173)	\$15,173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$619,827	Renton. Design and implement phase I improvements to Madsen Creek to achieve 100-year level flood protection for properties south of SR 169 and 25-year level flood protection for properties north of SR 169.
100	WFLF7 MAPLEWOOD FEASIBILITY STUDY	Cedar	FCD Const	\$490,246	\$477,246	\$0	\$13,000	\$0	\$13,000	\$0	\$0	\$0	\$0	\$0	\$13,000			\$490,246	Renton. 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.
101	WFLF7 PROGRESSIVE INVESTMENT RVTMNT	Cedar	FCD Const			\$215,118	\$0	\$0	\$215,118	\$720,199	\$26,444	\$0	\$0	\$0	\$961,761			\$961,761	Renton. This project will remove the Progressive Investment Levee. It is a companion project for the CRT 5 and CRT 5B projects and will provide effective habitat lift not provided at these project sites. The Progressive Investment Levee, near River Mile 8.4 on the Cedar River, is a vestigial flood protection facility that is on public land, is currently eroding and is not directly adjacent to critical infrastructure.
102	WFLF7 TABOR-CROWALL-BRODELL 2020 REPAIR	Cedar	FCD Const	\$1,974,453	\$1,068,864	\$744,302	\$905,589	\$799,520	\$2,449,411	\$4,568,179	\$70,662	\$0	\$0	\$0	\$7,088,252			\$8,157,116	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Generally exposed bank along 200 feet - damage likely to occur next major high-flow event.
103	WFLF7 RIVERBEND MHP ACQ	Cedar	FCD Acqui/Elev	\$5,133,210	\$5,182,126	\$48,916	(\$48,916)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$5,182,126	Near Renton in unincorporated King County. 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.
104	WFLF7 SR 169 FLOOD REDUCTION	Cedar	FCD Const	\$5,485,588	\$5,261,359	\$0	\$224,229	\$0	\$224,229	\$0	\$0	\$0	\$0	\$0	\$224,229			\$5,485,588	Near Renton in unincorporated King County. 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.
105	Cedar-Sammamish Subtotal			\$112,017,546	\$78,098,606	\$17,266,606	\$33,918,941	\$1,048,206	\$52,233,753	\$16,940,339	\$5,039,184	\$4,100,000	\$3,600,000	\$14,100,000	\$96,013,276			\$231,511,882	Funding added in 2019 pending FCD decision to move forward with preliminary design.
106																			
107																			
108	WFLB8 BRISCOE LEVEE SETBACK	Green	Agreement	\$23,330,271	\$21,376,401	\$0	\$1,953,870	\$0	\$1,953,870	\$0	\$0	\$0	\$0	\$0	\$1,953,870			\$23,330,271	Kent. 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.
109	WFLB8 BRPS CONTROL BLDG RPLCMT	Green	FCD Const	\$1,144,012	\$916,790	\$509,123	\$227,222	\$0	\$736,345	\$1,747,989	\$3,960,942	\$8,938,407	\$3,208,925	\$0	\$18,592,608			\$19,509,398	Renton. 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.
110	WFLB8 BRPS FISH PASS IMPRVMTS	Green	FCD Const	\$3,589,122	\$2,868,668	\$4,239,899	\$720,454	\$0	\$4,960,353	\$13,863,796	\$39,983,187	\$71,113,669	\$15,906,811	\$0	\$145,827,816			\$148,696,485	Renton. 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.
111	WFLB8 BRPS HIGH-USE ENGINES	Green	FCD Const	\$12,740,727	\$10,833,791	\$0	\$1,906,936	\$0	\$1,906,936	\$0	\$0	\$0	\$0	\$0	\$1,906,936			\$12,740,727	Renton. 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.
112	WFLB8 BRPS LARGE ENGINE REPLACEMENT	Green	FCD Const		\$0	\$87,418	\$0	\$0	\$87,418	\$0	\$0	\$0	\$1,091,805	\$11,241,923	\$12,421,146			\$12,421,146	Renton. This project will design and replace the large engines and overhaul the large pumps at the Black River pump station.
113	WFLB8 BRPS SEISMIC UPGRADES	Green	FCD Const	\$2,279,149	\$1,274,461	\$1,804,738	\$1,004,688	\$0	\$2,809,426	\$6,196,267	\$12,764,310	\$30,238,651	\$14,218,740	\$0	\$66,227,394			\$67,501,855	Renton. This project will strengthen and improve the structure and subsurface soils at the Black River Pump Station.
114	WFLB8 BRPS SUPPORT SYS UPGRADES	Green	FCD Const	\$1,486,439	\$1,424,229	\$70,546	\$62,210	\$0	\$132,756	\$242,206	\$548,840	\$1,238,532	\$444,638	\$0	\$2,606,972			\$4,031,201	Renton. 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.
115	WFLB8 COVINGTON CR BLACK DIAMOND	Green	Agreement	\$2,293,500	\$167,260	\$475,000	\$2,126,240	\$0	\$2,601,240	\$0	\$0	\$0	\$0	\$0	\$2,601,240			\$2,768,500	Black Diamond. Remove the three 6-foot diameter culverts where Lake Sawyer flows into Covington Creek and replace with a bridge to eliminate obstructions for water flow and allow passage for migrating salmon.
116	WFLB8 DESIMONE MAJOR REPAIR USACE	Green	Agreement	\$1,626,852	\$1,150,869	\$5,094,174	\$475,983	\$28,828,925	\$34,399,082					\$0	\$34,399,082			\$35,549,951	Tukwila. Construct a floodwall to design elevation for 18,800 cfs plus 3 feet of freeboard, repairing slope failures, laying the levee embankment slope back and shifting the levee alignment (and trail) landward where possible. The floodwall will connect previously constructed floodwalls at Desimone reaches 1 and 2.
117	WFLB8 DYKSTRA 2022 REPAIR	Green	FCD Const	\$10,000	\$322	\$0	\$9,678	\$0	\$9,678	\$0	\$0	\$0	\$0	\$0	\$9,678			\$10,000	Auburn: New flood damage repair project. Address scour and bank erosion and missing toe rock upstream of 2015 Corps of Engineers repair.
118	WFLB8 FORT DENT 2020 REPAIR	Green	FCD Const	\$1,118,933	\$529,116	\$984,064	\$589,817	\$0	\$1,573,881	\$5,366,689	\$39,666	\$0	\$0	\$0	\$6,980,236			\$7,509,352	Damage increases vulnerability of the heavily used regional Green River trail and regional soccer complex (Starfire) and Tukwila Park. Erosion increases vulnerability to trail and soccer fields.
119	WFLB8 GALLI-DYKSTRA 2020 REPAIR	Green	FCD Const	\$1,656,680	\$1,379,601	\$0	\$277,079	\$0	\$277,079	\$0	\$0	\$0	\$0	\$0	\$277,079			\$1,656,680	Auburn. Complete Phase 1 repair per a request from the City of Auburn. Elevate 3500 feet levee reach to meet FEMA levee certification requirements.
120	WFLB8 GREEN PRE-CONST ACQ	Green	FCD Acqui/Elev	\$17,577,724	\$8,703,445	\$0	\$8,874,279	\$0	\$8,874,279	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$33,874,279			\$42,577,724	Auburn, Kent, Near Renton in unincorporated King County, Tukwila. 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.
121	WFLB8 GREEN R IMPROVEMENT 2024	Green	Agreement			\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000			\$150,000	Auburn. Improve SE Green Valley Road near SE Auburn Black Diamond Road and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
122	WFLB8 GREEN SCOUR REPAIR 2017	Green	Agreement	\$150,000	\$47,524	\$0	\$102,476	\$0	\$102,476	\$0	\$0	\$0	\$0	\$0	\$102,476			\$150,000	Auburn. 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.
123	WFLB8 HSB BREDA SETBACK KENT	Green	Agreement	\$15,030,509	\$931,214	\$400,000	\$14,099,295	\$0	\$14,499,295	\$0	\$0	\$0	\$0	\$0	\$14,499,295			\$15,430,509	Kent. 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.
124	WFLB8 HSB MCCOY REALIGNMENT USACE	Green	Agreement	\$2,704,244	\$291,295	\$700,000	\$2,412,949	\$0	\$3,112,949	\$0	\$0	\$0	\$0	\$0	\$3,112,949			\$3,404,244	Kent. This USACE repair project replaces the SWIF capital project originally planned by the FCD. The repair project is anticipated to stabilize the failure of the levee slope, construct a ring levee around an isolated utility, and shift the alignment of the federal levee back to the City of Kent's secondary containment levee.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expenditure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
125	WLFL8 KENT AIRPORT RVTMNT 2022 REPAIR	Green	FCD Const	\$425,127	\$248,207	\$978,750	\$176,920	\$0	\$1,155,670	\$12,750	\$0	\$0	\$0	\$0	\$1,168,420			\$1,416,627	Kent: New flood damage repair project. Stabilize over steepened bank and rock revetment that has been undercut by rotational bank failure.
126	WLFL8 LOWER RUSSELL ACQ KENT	Green	FCD Const	\$1,123,668	\$1,023,856	(\$100,012)	\$100,012	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,023,856	Kent: Acquisitions by the City of Kent for the Lower Russell levee setback project.
127	WLFL8 LWR GRN R CORRIDOR PLANEIS	Green	FCD Const	\$748,519	\$681,217	\$0	\$67,302	\$0	\$67,302	\$5,000	\$0	\$0	\$0	\$0	\$72,302			\$753,519	Auburn, Kent, Renton, Tukwila. Lower Green River Corridor Planning and Environmental Impact Statement.
128	WLFL8 LWR RUSSELL LEVEE SETBACK	Green	FCD Const	\$57,965,925	\$57,400,148	\$0	\$565,777	\$0	\$565,777	\$0	\$0	\$0	\$0	\$0	\$565,777			\$57,965,925	Kent: 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 Kent to provide long-term flood protection and improve riparian and aquatic habitat. Increased expenditure authority to match interim SWIF adopted by Board of Supervisors.
129	WLFL8 MILWAUKEE LEVEE #2-KENT	Green	Agreement	\$19,400,000	\$2,261,656	\$0	\$17,138,344	\$0	\$17,138,344	\$0	\$0	\$0	\$0	\$0	\$17,138,344			\$19,400,000	Kent: Prepare an analysis and study of design and construction alternatives to provide flood protection, scour protection, enable levee certification and secure necessary land rights.
130	WLFL8 O'CONNELL REVETMENT 2021 REPAIR	Green	FCD Const	\$632,006	\$248,793	\$164,800	\$383,213	\$0	\$548,013	\$1,025,095	\$22,947	\$0	\$0	\$0	\$1,596,055			\$1,844,848	Kent: Stabilize the O'Connell revetment slope, and move or replace the road shoulder and guardrail.
131	WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	\$6,082,173	\$6,065,056	(\$17,117)	\$17,117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$6,065,056	Kent: 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.
132	WLFL8 SIGNATURE PT REVETMENT KENT	Green	Agreement	\$18,305,164	\$1,529,793	\$5,650,000	\$16,775,371	\$0	\$22,425,371	\$23,195,000	\$9,595,255	\$0	\$0	\$0	\$55,215,626			\$56,745,419	Kent: Project provides increased level of protection to 1.5 miles of Lower Green River Corridor. Alternative selected by Executive Committee.
133	WLFL8 TUK-205 GUNTER FLOODWALL	Green	FCD Const	\$8,546,716	\$1,718,240	\$2,909,586	\$6,828,476	\$0	\$9,738,062	\$2,047,500	\$4,432,790	\$26,355,345	\$61,500	\$0	\$42,635,197			\$44,353,437	Tukwila: This project will construct a facility to bring this levee segment in compliance with certification requirements for structural stability and raise the levee to roughly the 500 year event.
134	WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const	\$50,000	\$0	\$300,000	\$50,000	\$0	\$350,000	\$1,400,000	\$50,000	\$0	\$0	\$0	\$1,800,000			\$1,800,000	Tukwila: 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.
135	WLFL8 TUK-205 USACE GACO-SEGAL	Green	Agreement	\$1,069,950	\$993,500	\$195,466	\$76,450	\$0	\$271,916	\$629,220	\$5,138,549	\$29,504	\$0	\$0	\$6,069,189			\$7,062,689	Tukwila: 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 cost-share up to 100 year level of protection. Requires cooperation agreement.
136	WLFL8 PUGET WAY CULVERT	Green	Agreement	\$1,800,000	\$1,573,529	\$0	\$226,471	\$0	\$226,471	\$0	\$0	\$0	\$0	\$0	\$226,471			\$1,800,000	Seattle: This project will replace an aging and undersized creek culvert under Puget Way SW in Seattle.
137	WLFLS S PARK FLOOD PREVENTION	Green	Agreement	\$1,551,000	\$0	\$490,000	\$1,551,000	\$0	\$2,041,000	\$0	\$0	\$0	\$0	\$0	\$2,041,000			\$2,041,000	Seattle: Installation and maintenance of a temporary barrier along the Duwamish River in South Park, including project management, staging and demobilization, and related work; culturally appropriate flood-related education, outreach, and engagement on near and long-term flood reduction strategies, and communication materials.
138	WLFLS SOUTH PARK PUMPSTATION	Green	Agreement	\$6,505,000	\$6,504,454	(\$546)	\$546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$6,504,454	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.
139	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	Agreement	\$17,105,000	\$17,105,410	\$0	(\$410)	\$410	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$17,105,410	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.
140	Green-Duwamish Subtotal			\$228,048,410	\$149,248,643	\$25,085,889	\$78,799,765	\$28,829,335	\$132,714,989	\$60,731,512	\$81,536,487	\$142,914,107	\$39,932,419	\$16,241,923	\$474,071,438			\$623,320,081	
141																			
142																			
143	WLFL9 212TH AVE SE @ SR 164 FLD IMPRVMT	White	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$190,000	\$0	\$0	\$0	\$0	\$190,000			\$190,000	Enumclaw: Improve the drainage system to alleviate neighborhood flooding. May require improvements outside of the road right-of-way.
144	WLFL9 212TH AVE SE MITIGATION	White	Agreement	\$65,000	\$0	\$0	\$65,000	\$0	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000			\$65,000	Enumclaw: TBD
145	WLFL9 A STREET HESCOS	White	FCD Const	\$420,000	\$135,638	\$0	\$284,362	\$0	\$284,362	\$0	\$0	\$0	\$0	\$0	\$284,362			\$420,000	Pacific: Complete. 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.
146	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	\$23,926,129	\$23,896,323	\$0	\$29,806	\$220,194	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000			\$24,146,323	Pierce County: Complete. 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.
147	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	\$17,196,118	\$16,247,849	\$5,256,812	\$948,269	\$0	\$6,205,081	\$3,858,388	\$2,214,247	\$2,280,675	\$0	\$0	\$14,558,391			\$30,806,240	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.
148	WLFL9 SLIPPERY CREEK ACQ	White	FCD Acq/Elev	\$171,261	\$116,261	\$0	\$55,000	(\$55,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$116,261	Near 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. Complete.
149	WLFL9 CHARLIE JONES DS CULVERT	White	Agreement	\$600,000	\$118,326	\$1,000,000	\$481,674	\$0	\$1,481,674	\$50,000	\$0	\$0	\$0	\$0	\$1,531,674			\$1,650,000	Auburn: This project will analyze culvert replacement and road-raising options and implement the preferred option.
150	WLFL9 CHARLIE JONES US CULVERT	White	Agreement	\$982,852	\$937,611	\$10,000	\$45,241	\$0	\$55,241	\$0	\$0	\$0	\$0	\$0	\$55,241			\$992,852	Auburn: This project will analyze culvert replacement and road-raising options and implement the preferred option.
151	WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	\$820,294	\$756,087	(\$65,322)	\$64,207	\$1,115	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$756,087	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.
152	WLFL9 STUCK R DR FLOOD PROTECTION	White	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000			\$1,000,000	Auburn: TBD
153	WLFL9 WHITE RIVER CIS	White	FCD Const	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$300,000	\$1,000,000	\$0	\$0	\$0	\$1,450,000			\$1,450,000	Pacific: Identify and prioritize near-, mid-, and long-term capital projects for Flood Control District funding along the White River.
154	White Subtotal			\$44,181,654	\$42,208,095	\$6,351,490	\$1,973,559	\$166,309	\$8,491,358	\$4,398,388	\$3,214,247	\$2,280,675	\$0	\$1,000,000	\$19,384,668			\$61,592,763	
155																			
156																			
157	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	\$60,776,690	\$31,705,596	\$13,415,191	\$29,071,094	\$0	\$42,486,285	\$13,828,441	\$14,204,508	\$14,580,136	\$14,977,663	\$15,370,146	\$115,447,179			\$147,152,775	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
158	WLFLG WRIA GRANTS	Countywide	Grant	\$72,432,272	\$50,155,820	\$11,304,607	\$22,276,452	\$0	\$33,581,059	\$11,652,841	\$11,969,742	\$12,286,273	\$12,621,258	\$12,951,993	\$95,063,166			\$145,218,986	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
159	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	\$6,517,010	\$5,989,441	\$819,080	\$527,569	\$0	\$1,346,649	\$903,780	\$588,180	\$600,280	\$520,730	\$527,350	\$4,486,969			\$10,476,410	Evaluation of capital projects to determine effectiveness and identify project design improvements.
160	WLFL0 SUBREGNL OPPRTNTY FUND	Countywide	Grant	\$79,412,326	\$64,225,056	\$6,030,423	\$15,187,271	\$0	\$21,217,694	\$6,098,506	\$6,170,535	\$6,243,517	\$6,317,243	\$6,391,431	\$52,438,926			\$116,663,982	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
161	WLFLX CENTRAL CHARGES	Countywide	FCD Const	\$1,727,644	\$1,882,458	\$500,000	(\$154,814)	\$0	\$345,186	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,345,186			\$3,227,644	Central charges related to the FCD's capital fund.
162	WLFLX COUNTYWIDE STRATEGIC ACQUISITIONS	Countywide	FCD Const	\$2,000,000	\$6,536	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000			\$2,006,536	This project acquires properties with a connection to flooding as directed by the Flood District Board of Supervisors.
163	WLFLX FLOOD WARNING CTR UPGRADES	Countywide	FCD Const	\$1,500,000	\$297,315	\$0	\$1,202,685	\$0	\$1,202,685	\$0	\$0	\$0	\$0	\$0	\$1,202,685			\$1,500,000	Replace existing IT systems that are outdated and at risk for failure.
164	WLFLX DUWAMISH KING TIDE FRCST	Countywide	FCD Const	\$0	\$0	\$0	\$625,000	\$625,000	\$0	\$0	\$0	\$0	\$0	\$0	\$625,000			\$625,000	The FCD directs King County to develop and implement an expansion of the county Flood Warning Center to include forecasted King Tide events on the Duwamish River by October 1, 2024.
165	WLFLX CLIMATE CORPS	Countywide	FCD Const	\$0	\$0	\$0	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000			\$750,000	Creates or augments an existing internship programs focused on developing workforce pathways creating, career opportunities, and living wage jobs for youth related to climate change, habitat restoration and/or flood risk reduction.
166	WLFLX FARM LEASE	Countywide	FCD Const	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000			\$200,000	Directs King County to lease 30 acres of farmland consistent with the guidelines of the King County Farmland Lease Program.
167	WLFLX CONST MATERIALS STOCKPILE	Countywide	FCD Const	\$149,992	\$149,992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$149,992			\$149,992	Stockpile material for future flood damage repairs.
168	WLFLX FLOOD EMERGENCY CONTGNCY	Countywide	FCD Const	\$1,419,042	\$419,042	\$0	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000			\$1,419,042	Contingency for emergency response actions during a flood event.
169	Countywide Subtotal			\$225,934,975	\$154,831,255	\$34,069,301	\$69,110,257	\$1,575,000	\$104,754,558	\$32,683,568	\$33,132,965	\$33,910,206	\$34,636,894	\$35,440,920	\$274,559,111			\$429,390,366	
170																			
171	Grand Total			\$701,852,479	\$488,702,001	\$112,188,893	\$210,957,928	\$31,714,537	\$354,861,358	\$130,027,540	\$150,610,866	\$199,420,351	\$90,403,596	\$71,037,843	\$996,361,555			\$1,731,813,555	