

No.	Title	Basin	Type of project	2018 Inception to Date Budget	2018 Inception to Date Expenditure	2019 Adopted	2018 Carryover	2019 Reallocation Request	2019 Revised	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	6-Year CIP Total (Including 2017 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
125	WLFL8 PORTER LEVEE	Green	Agreement	\$720,000	\$720,000		\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$720,000	Contribute the cost of a repair (\$720,000) to a \$7 million levee setback project. By relocating the levee, future repair costs for the Flood Control District are reduced. In response to community concerns, the project also includes funding to elevate the road so that the school bus serving this neighborhood does not have to drive in the oncoming lane to avoid floodwaters.
126	WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	\$6,082,173	\$6,054,711		\$27,462		\$27,462	\$0	\$0	\$0	\$0	\$0	\$27,462			\$6,082,173	Project is to improve the levee by providing a minimum of 3 feet of freeboard above the predicted 500-year flood event and improve slope stability. These segments of the Russell Road Upper Levee have over-stepped slopes and therefore lack adequate structural stability to provide adequate safety.
127	WLFL8 S 180TH ST BRIDGE FLOODWALL EXT	Green	Agreement	\$65,378	\$0		\$65,378		\$65,378	\$0	\$0	\$0	\$0	\$0	\$65,378			\$65,378	The project will increase the height of a flood wall to provide approximately 30' of additional flood protection.
128	WLFL8 SIGNATURE POINTE REVETMENT	Green	Agreement	\$300,000	\$89,843		\$210,157		\$210,157	\$0	\$0	\$0	\$0	\$0	\$210,157			\$300,000	Signature Pointe is a revetment/levee on the Green River between river mile 22.06 and 23.18 that does not meet the FEMA requirements for accreditation due to inadequate freeboard. This project includes development of a project charter and an alternatives analysis to select an alternative to achieve increased flood protection, embankment and toe protection in a manner that can be certified and accredited.
129	WLFL8 TITUS PIT RVTMNT 2018 REPAIR	Green	Agreement	\$250,000	\$167,738		\$82,262		\$82,262	\$0	\$0	\$0	\$0	\$0	\$82,262			\$250,000	Repair of the recent damage to the Titus Pt RB revetment is needed to prevent a potential revetment failure and Green River road collapse. The revetment protects an adjacent King County arterial road and utilities (such as water, natural gas, telecommunication and power) under the road.
130	WLFL8 TUK REVTMNT 2019 REPAIR	Green	FCD Const	\$0	\$0	\$500,000	\$0		\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000			\$500,000	Erosion and slumping of Tukwila Trail revetment caused by the recent Green River flood resulted in approximately 200 feet of damage to the revetment.
131	WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const	\$0	\$0		\$0		\$0	\$0	\$1,500,000	\$300,000	\$0	\$1,800,000			\$1,800,000	New project to implement interim SWIF adopted by Board of Supervisors. This project will construct a 0.15 mile floodwall and sloped embankment to protect adjacent businesses from flooding. The floodwall alignment (including embankment slope, factors of safety, and necessary real estate) will be finalized during the project design phase.	
132	WLFL8 TUK-205 SEGAL FLOODWALL	Green	FCD Const	\$0	\$0	\$330,000	\$0		\$330,000	\$0	\$0	\$0	\$0	\$0	\$330,000			\$330,000	New project to implement interim SWIF adopted by Board of Supervisors. The Gaco portion of the Tukwila-205 levee between river mile 15.75 and 15.88 is over-stepped and damaged and cannot be adequately repaired using the existing easements. This project would acquire properties landward of the damaged levee to enable a levee setback and repair of the embankment and toe scour at this outside bend, in coordination with the Army Corps of Engineers PL 84-98 rehabilitation program.
133	WLFL8 TUK-205 USACE GACO REPAIR	Green	Agreement	\$6,860,633	\$762,960	\$8,871,785	\$6,097,873		\$14,969,458	\$0	\$0	\$0	\$0	\$0	\$14,969,458			\$15,732,418	600 feet of scour has exposed armor loss. Interim SWIF capital project is for 0.33 miles of floodwall and toe/scour protection. Increased vulnerability to further scour and damage to facility.
134	WLFLS SOUTH PARK PUMPSTATION	Green	Agreement	\$1,786,262	\$1,819,777		(\$33,515)	\$742	(\$32,773)	\$4,718,738	\$0	\$0	\$0	\$0	\$4,685,965			\$6,505,742	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.
135	WLFLS PUGET WAY CULVERT	Green	Agreement	\$0	\$0	\$1,800,000	\$0		\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000			\$1,800,000	This project will replace an aging and undersized creek culvert under Puget Way SW in Seattle.
136	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	Agreement	\$1,000,000	\$412,995		\$587,005		\$587,005	\$9,075,000	\$7,030,000	\$0	\$0	\$0	\$16,692,005			\$17,105,000	The South Park Drainage Conveyance Improvements Project will install a formal conveyance system in the streets, to get flows to the pump station. The conveyance improvements will work in conjunction with the Pump Station.
137	Green-Duwamish Subtotal			\$83,771,496	\$51,903,831	\$44,439,561	\$41,867,663	(\$22,298,646)	\$64,046,576	\$43,774,710	\$22,398,431	\$11,670,392	\$12,143,316	\$8,646,752	\$162,560,151			\$214,463,892	
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140	WLFL9 BUTTE AVE FLOOD MITIGATION	White	Agreement	\$470,000	\$194,089		\$275,911		\$275,911	\$0	\$0	\$0	\$0	\$0	\$275,911			\$470,000	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.
141	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	\$24,004,419	\$23,828,084		\$176,335		\$176,335	\$65,776	\$0	\$0	\$0	\$0	\$242,111			\$24,070,185	Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with \$52 million of assessed and \$13 million tentative value), improves sediment storage and enhances habitat.
142	WLFL9 ANDERSON PARK ACQUISITION	White	FCD Acqui/Elev	\$0	\$0	\$100,000	\$0		\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000			\$100,000	Acquire portion of Anderson park from City of Enumclaw.
143	WLFL9 STREAM #10.0048 US CULVERT	Green	Agreement	\$90,000	\$84,413	\$100,000	\$5,587		\$105,587	\$400,000	\$100,000	\$0	\$0	\$0	\$605,587			\$690,000	This project will analyze culvert replacement and road-raising options and implement the preferred option.
144	WLFL9 STREAM #10.0048 DS CULVERT	Green	Agreement	\$0	\$0		\$0		\$0	\$0	\$150,000	\$1,500,000	\$0	\$0	\$1,650,000			\$1,650,000	These two bridges are subject to having the roadway approach fill wash out during a flood. Excavate approaches and rebuild approaches to prevent losing approaches during flooding. A similar repair was done on Woodinville-Duwali Bridge No. 1198L.
145	WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	\$0	\$0	\$500,000	\$0	(\$300,000)	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000			\$200,000	Loss of facing rock along 150' 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.
146	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	\$13,230,557	\$12,234,992	\$1,612,600	\$995,565	(\$1,000,000)	\$1,608,165	\$655,636	\$8,079,077	\$6,419,902	\$69,556	\$0	\$16,832,336			\$29,067,328	Construct a new levee setback in the City of Pacific, extending from BNSF railroad bridge embankment to endpoint at Butte Ave. by White River Estates neighborhood.
147	WLFL9 SLOPPERY CREEK ACO	White	FCD Acqui/Elev	\$100,000	\$10,377	\$80,000	\$89,623		\$169,623	\$0	\$0	\$0	\$0	\$0	\$169,623			\$180,000	Acquire property along Slippy Creek, a tributary of the White River.
148	White Subtotal			\$37,894,976	\$36,351,855	\$2,392,600	\$1,643,021	(\$1,300,000)	\$2,635,821	\$1,121,412	\$8,179,077	\$6,569,802	\$1,569,556	\$0	\$20,075,568			\$36,447,523	
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151	WLFLX CORRIDOR PLN DESIGN/CONST PLAC	Countywide	FCD Const	\$142,810	\$0	(\$142,810)	\$142,810		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,200,000	\$27,200,000	\$27,200,000	Placeholder for corridor plan implementation project(s).
152	Countywide Corridor Plan Imp Subtotal			\$142,810	\$0	(\$142,810)	\$142,810	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,200,000	\$27,200,000	\$27,200,000	
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155	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	\$14,685,996	\$8,993,154	\$3,166,261	\$5,692,842		\$8,859,103	\$3,281,568	\$3,359,037	\$3,435,258	\$3,511,156	\$3,588,460	\$26,034,582			\$35,027,736	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
156	WLFLG WRIA GRANTS	Countywide	Grant	\$27,819,780	\$20,647,848	\$4,694,168	\$6,671,932		\$11,656,100	\$4,853,735	\$5,029,440	\$5,211,506	\$5,400,162	\$5,586,648	\$37,746,591			\$58,394,440	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
157	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	\$3,295,252	\$2,385,821	(\$431,365)	\$909,431	\$65,334	\$543,400	\$594,987	\$398,884	\$598,509	\$636,581	\$519,813	\$3,282,174			\$5,667,995	Evaluation of capital projects to determine effectiveness and identify project design improvements.
158	WLFLQ SUBREGIONAL OPPRTNITY FUND	Countywide	Grant	\$49,421,936	\$34,916,901	\$5,899,245	\$14,505,037		\$20,394,282	\$6,103,717	\$6,247,808	\$6,399,580	\$6,530,751	\$6,674,535	\$52,340,673			\$87,257,574	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects.
159	WLFLX CENTRAL CHARGES	Countywide	FCD Const	\$911,493	\$748,397	\$100,000	\$163,096		\$263,096	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$763,096			\$1,511,483	Increases as a proportion of total FCD tax revenue.
160	WLFLX CENTRAL MATERIALS STOCKPILE	Countywide	FCD Const	\$0	\$0	\$500,000	\$0		\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000			\$500,000	Central charges related to the FCD's capital fund.
161	WLFLX FLOOD EMERGENCY CONTINGCY	Countywide	FCD Const	\$800,917	\$419,042	\$250,000	\$381,875		\$631,875	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,881,875			\$2,300,917	Contingency for emergency response actions during a flood event.
162	Countywide Subtotal			\$86,738,376	\$66,111,164	\$14,189,309	\$29,624,213	\$65,334	\$42,847,656	\$16,184,007	\$15,385,169	\$15,974,853	\$16,426,650	\$16,728,456	\$122,548,991			\$160,669,156	
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164	Grand Total			\$375,700,346	\$268,814,130	\$79,817,269	\$106,886,217	(\$35,136,162)	\$151,567,324	\$82,328,895	\$63,254,746	\$51,849,617	\$38,232,158	\$71,261,223	\$458,493,963			\$831,608,093	