King County Flood Control District Chair's Preliminary Working Draft for Discussion Purposes Only 2020 - 2025 Six-Year CIP Project Allocations - DRAFT

Attachment H

Capital Investment Strategy Project Grant/External Revenue Awarded Cost Share Contribution to Others Added in 2019 Proposed New Add in 2020

A FILE DEPOSITION OF THE PROPERTY OF THE PRO										Proposed New A	dd in 2020						
1. 10.71 2.																	
A MANY DEPOSITION OF THE PROPERTY OF THE PRO	No. Title	Rasin	Type of project														Comments
Process Proc	1 WI ELD SE SYVVMSH DED LOSS MIT													100.7.10	TOT TOU		Baring. 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
ALT OF STREET AND ALT OF STR											\$0						Skykomish. This project would improve infrastructure at the mouth of Maloney Creek and on the SF Skykomish River to reduce the frequency of flooding of homes and
				. ,			,			•	\$0						Skykomish. Approximately 50-foot-long section of missing armor rock immediately downstream of the bridge. Further flooding may compromise or severely damage
A. HILLER MERICAL MICHAEL MICHAEL MICHAEL MICHAEL		SF Skykomish	FCD Const				\$0	\$0	\$0	\$0	\$0	\$0	\$0				Skykomish. 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
NATION PROFESSION 1/2 1/	4 WLFL0 TIMBER LN EROSN BUYOUTS	SF Skykomish	FCD Acqu/Elev	\$1,959,242	\$2,409,874	\$450,632	(\$365,632)	\$0	\$765,632	\$0	\$0	\$0	\$400,000			\$2,809,874	some places. Skykomish. Project will lay back the privately-built rockery to reconstruct rock wall
B. NULLI PRINCE DELIVER STREET STRE	5 WLFL0 TIMBERLANE 2016 REPAIR	SF Skykomish	FCD Const	\$11,115	\$16,040	\$4,925	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$16,040	Skykomish. Revetment is approximately 300 LF along left bank of South Fork
## MULTI GETTI AND EAST FEATBRILLY (1) SIGN OF THE COLOR (1) STATE O	6 WLFL0 TIMBERLANE 2019 REPAIR	SF Skykomish	FCD Const	\$0	\$600,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$600,000	
MINISTER DISCRIPTION 1977 1984 1977 1984 1977 1984 1977 1984	- W F1 4 400TU AVE OF DD F5 10/DU TV		500.0	****	****	••	20		•	•	•	•					alternatives for improvements to 428th Avenue SE, SE 92nd Street, and Reinig Road to reduce the frequency of community isolation caused by floodwaters
B. DEST LEGISLE DEST MATERIAL PROPERTY MATER	/ WLFL1 4281H AVE SE BR FEASIBILITY	Upper Snoq	FCD Const	\$309,028	\$309,028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$309,028	North Bend. 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
Description Control			FCD Const								\$0	\$0					Corridor Plan.
10	9 WLFL1 MF SNO CORRIDOR IMP	Upper Snoq	FCD Const	\$954	\$954	\$0	\$0	\$1,162,249	\$1,196,980	\$1,232,889	\$377,890	\$0	\$3,970,008			\$3,970,962	North Bend. Placeholder for corridor plan implementation project(s) North Bend. Middle Fork Snoqualmie Corridor Planning, scheduled for completion in
Contact Act College	10 WLFL1 MF SNO CORRIDOR PLAN	Upper Snoq	FCD Const	\$1,502,409	\$1,824,912	\$322,503	\$27,585	\$0	\$0	\$0	\$0	\$0	\$27,585			\$1,852,497	2018.
The																	North Bend. 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 vaters 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 vater once the North
12 WIFE I NORTH FORK SPRIGGE EVAL SWING STORM STORM ST	11 WLFL1 NORMAN CREEK DS CULV	Upper Snoq	Agreement	\$722,582	\$724,000	\$1,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$724,000	Fork has overtopped the adjacent levees. North Rend, Improve SE 92nd Street, east of 428th Street, and alleviate roadway.
13 WUFLI NORTH FORK BRIDGE ZO16 REPAIR Upper Sing 5177.742 5177.742 50 50 50 50 50 50 50 5	12 WLFL1 NORMAN CREEK US 2024 CULV	Upper Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$750,000	\$0	\$1,100,000			\$1,100,000	
14 WELL NORTH FORK BRIDGE FEASBRITY Upoer Since Agreement 50 \$200,000 50 50 50 50 50 50 5																	North Bend. The North Fork Bridge was originally built in 1951 and is extremely vulnerable to scour as the channel thalwag migrates. In order to keep the bridge safe and reliable during a flood, it is important to protect the piers and abutments from
14 WLFL1 NORTHEORY BRIDGE FEASBILITY Useve Snoot Agreement 50 \$200,000 \$50	13 WLFL1 NORTH FORK BRIDGE 2016 REPAIR	Upper Snoq	Agreement	\$177,742	\$177,742	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$177,742	scour failure. North Bend. Initiate feasibility study to mitigate the risk of scour damage to the North
## Additional Control of Section S	14 WLFL1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	Agreement	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$200,000	Fork Bridge by retrofitting the existing structure with deep foundations or alternative risk mitigation strategies.
Number N	15 WLFL1 RECORD OFFICE 2016 REPAIR	Upper Snoq	FCD Const	\$29,181	\$987,835	\$958,654	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$987,835	
Second Control Seco	16 WLFL1 REIF RD LEVEE IMPROVEMENTS	Upper Snoq	FCD Const	\$0	\$0	\$0	\$0	\$0	\$265,438	\$318,421	\$385,937	\$457,218	\$1,427,014			\$1,427,014	overtopping of the Reif Rd Levee, Potential solutions include: repair and/or raise
17 WLFL1 BENDIGO UPR SCTBACK NORTH BEND Upper Snog Agreement \$0 \$50,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0																	North Bend. Cost-share of \$8.4M levee setback project. The 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
18 WLFLI REINIGR DELEVATION Upper Snoq Agreement \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	17 WLFL1 BENDIGO UPR SETBACK NORTH BEND	Upper Snoq	Agreement	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$4,200,000	\$4,200,000			\$4,250,000	million
19 WILFL1 REINIG RD RVTMNT 2016 REPAIR Upper Snoq FCD Const \$391,568 \$1,200,000 \$808,432 \$4,057,657 \$25,462 \$0 \$0 \$0 \$5,283,119 Introduced in 2020.	18 WLFL1 REINIG RD ELEVATION	Upper Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$150,000			\$150,000	roadway. North Bend. Repair three primary damage sites just upstream and directly across
20 WLFLI RIBARY CREEK Upper Snog FCD Const \$0 \$36,492 \$150,000 \$2,338,618 \$3,223,883 \$0 \$0 \$6,162,501 \$6,198,993 the Snoqualmel Between provent dark leaves provent da	19 WLFL1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	FCD Const	\$391,568	\$1,200,000	\$808,432	\$4,057,657	\$25,462	\$0	\$0	\$0	\$0	\$4,083,119			\$5,283,119	from the South Fork Snoqualmie confluence totaling ~285 lineal feet. Construction is anticipated in 2020. North Bend. Address flooding from Ribary Creek at Bendigo Blvd in North Bend as
21 WLFL1 SF ISI MED TERM Upper Snog FCD Const S0	20 WLFL1 RIBARY CREEK	Upper Snoq	FCD Const	\$0	\$36,492	\$36,492	\$150,000	\$450,000	\$2,338,618	\$3,223,883	\$0	\$0	\$6,162,501			\$6,198,993	the Snoqualmie levees prevent drainage to the river during high flows.
22 WLFL1 SF CIS LONG TERM Upper Snog FCD Const S0				\$0	\$0	\$0		\$0		\$0				\$43,000,000			approved as policy direction by the Executive Committee. North Bend. Implement projects identified in the Capital Investment Strategy,
23 WLFL1 SF SNO CORRIDOR PLAN Upper Snoq FCD Const \$2.573,493 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	22 WLFL1 SF CIS LONG TERM	Upper Snoq	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$57,100,000	\$57,100,000	approved as policy direction by the Executive Committee.
North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Total Dress that the impaired segment of North Bend. Total Dress that the impaired segment of North Bend. Total Dress that the impaired segment of North Bend. Total Dress that the impaired segment of North Bend. Total Dress that the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired segment of North Bend. Six levee deficiencies have been identified in project will design and reconstruct the impaired have been identified in project will be segment to the north segment of North Bend. Six levee deficiencies have been identified in project will be segment to the north segment of North Bend. Six levee deficiencies have been identified in project will be segment to the north segment to the north segment of North Bend. Six levee deficiencies have been identified i	23 WLFL1 SF SNO CORRIDOR PLAN	Upper Snoq	FCD Const	\$2,573,493	\$2,573,493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$2,573,493	
No immediately adjacent private property or infrastructure.	24 WLFL1 SF SNO LEVEE REMEDIATION		FCD Const	\$173,977	\$388,000	\$214,023	\$0	\$727,790	\$1,031,736	\$0	\$0	\$0	\$1,759,526			\$2,147,526	
	25 WLFL1 SHAKE MILL LB 2016 REPAIR	Upper Snoq	FCD Const	\$388,601	\$3,550,000	\$3,161,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$3,550,000	North Bend. 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.

No. Title	Basin	Type of project	2018 Inception to Date Expenditure	2019 Inception to Date Budget	2019 Available Budget	2020 Requested	2021 Forecasted	2022 Forecasted	2023 Forecasted	2024 Forecasted	2025 Forecasted	6-Year CIP Total	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
THE	Duoni	Type or project	Exponential	Date Daaget	Dadgor	roquotida	Torodatod	roroddiod	roroddiod	roroddiod	rorodotod	1001	1001710	TOT TOU	rota	North Bend. Between 428th St Bridge and Tate Creek, several locations on levee where toe-rock dislodged and corresponding minor bank erosion along 50-60 feet of
																river bank. Actual gaps range between 6-10 feet. Missing toe rock compromises levee integrity, increasing its vulnerability to further scour and potential failure. Failure
26 WLFL1 SHAKE MILL RB 2016 REPAIR	Upper Snoq	FCD Const	\$1,090	\$51,090	\$50,000	\$100,000	\$360,910	\$0	\$0	\$0	\$0	\$460,910			\$512,000	of this facility could result in damage to a heavily used county road (428th Ave SE). Scheduled for 2018 construction.
																North Bend. Repair approximately 25 lineal feet of the facility with missing toe rock and shallow scour scallop into bank that is approximately 1-2 feet deep. Si View
																Levee is a relatively short flood containment levee that protects 50+ homes in the Si View Park Neighborhood of North Bend from flooding. Project scheduled for 2018
27 WLFL1 SI VIEW RM4 2017 REPAIR	Upper Snoq	FCD Const	\$136,754	\$396,754	\$260,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$396,754	construction. North Bend. Placeholder funding to partner with WSDOT to expand bridge SR202
																opening over South Fork Snoqualmie and Ribary Creek to improve conveyance and reduce upstream flood impacts. Supported by North Bend. Requires state or federal
28 WLFL1 SR202 SF BRIDGE LENGTHEN	Upper Snoq	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000			\$100,000	funding. Relative contribution of this project is being evaluated in the SF Snoqualmie Corridor Plan.
												-				North Bend. Prepare a Concept Development Report (CDR) to analyze and select best span/alignment replacement bridge and road-raising option as the current bridge
29 WLFL1 TATE CR SCOUR FEASIBILITY	Upper Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000			\$150,000	does not provide enough hydraulic opening due to the transport of sediments and water overtops the approaches during floods.
																North Bend. Flood damage repairs from January 2015 flood event. Locations include Mason-Thorson Ells and Mason-Thorson Extension (Middle Fork Snoqualmie);
30 WLFL1 UPPER SNOQ 2015 FLOOD REPAIR	Upper Snoq	FCD Const	\$555,771	\$556,781	\$1,009	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$556,781	North Park (North Fork Snoqualmie); and Record Office, Meadowbrook, and
					*.,,	-	•		7.			**			***************************************	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-
31 WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	FCD Acqu/Elev	\$11,411,570	\$12,717,550	\$1,305,980	\$1,756,037	\$2,295,755	\$2,364,628	\$2,435,567	\$2,508,634	\$2,583,893	\$13,944,513			\$26,662,063	
																North Bend. 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
32 WLFL1 USACE PL 84-99 SF SNO	Upper Snoq	FCD Const	\$4,769	\$333,377	\$328,608	\$0	\$352,868	\$363,454	\$0	\$0	\$0	\$716,322			\$1,049,699	assistance from the Corps in the event of flood damage to the levees Redmond. Alleviate flooding on this sole access road by replacing the existing
33 WLFL2 264TH AVE NE AT SR 202 FLD IMPRVMNT	Lower Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000	\$540,000			\$540,000	culverts and raising the roadway to elminate over-topping.
34 WLFL2 334TH AVE SE & SE 43RD PL FLD IMPRVMNT	Lower Snoq	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000			\$500,000	Improve drainage to alleviate neighborhood flooding by constructing a drainage system to flow to the Snoqualmie River. Duvall. Repair approximately 200 feet of revetment. Dutchman Road in this location
																provides the sole access to residences and business on the west side of the Snoqualmie Valley downstream of Duvall. Continued erosion of the revetment could
																result in erosion of the road (West Snoqualmie Valley Road NE) which would
35 WLFL2 DUTCHMAN RD REPAIR	Lower Snoq	FCD Const	\$0	\$48,593	\$48,593	\$0	\$200,000	\$500,000	\$0	\$0	\$0	\$700,000			\$748,593	severely limit access to the downstream property owners during or following a flood event.
																Fall City. The foundation of the main-span pier is exposed and is vulnerable to
36 WLFL2 L SNO SCOUR REPAIR 2017	Lower Snoq	Agreement	\$143,386	\$150,000	\$6,614	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$150,000	destabilization during a flood. Add scour mitigation measures to protect footing. Bridge crosses the Snoqualmie River at Duvall and is the city's primary route.
																Carnation. This project provides technical and cost-sharing assistance to agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the
37 WLFL2 FARM PAD PROGRAM	Lower Snoq	FCD Acqu/Elev	\$805,446	\$979,803	\$174,357	\$0	\$115,214	\$118,670	\$122,230	\$125,897	\$129,674	\$611,685			\$1,591,488	impacts of flooding. Specific project actions include farm pads and elevation or flood proofing of agricultural structures.
38 WLFL2 L SNO REP LOSS MITGTION	Lower Snoq	FCD Acqu/Elev	\$1,269,231	\$1,695,671	\$426,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,695,671	Carnation. Funding as possible local match for FEMA grants to elevate or acquire at- risk structures.
																Fall City. Cost-shared contribution to multiple levee setbacks and high priority flood risk reduction acquisitions in the Fall City reach of the Lower Snoqualmie. Projects
																reduce flood and erosion risk to revetments, roads, and landowners. FCD
39 WLFL2 L SNO/ALDAIR CORRDOR PLN	Lower Snoq	FCD Const	\$6,326,158	\$7,365,814	\$1,039,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$7,365,814	Carnation. This project provides technical and cost-sharing assistance to residential
																and agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads,
40 WLFL2 LWR SNO RESDL FLD MITGTN	Lower Snoq	FCD Acqu/Elev	\$2,201,472	\$3,043,609	\$842,137	\$272,863	\$530,450	\$546,363	\$562,754	\$579,637	\$0	\$2,492,068			\$5,535,677	elevations of homes, and elevation or flood proofing of agricultural structures.
41 WLFL2 SE 19TH WAY REVETMENT	Lower Snoq	FCD Const	\$1,643,036	\$1,916,294	\$273,258	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,916,294	Fall City. Rebuild revetment to protect road access to high value agricultural operations and lands. Construction is complete.
42 WLFL2 SE DAVID POWELL RD DOWNSTREAM	Lower Snoq	Agreement	\$594,807	\$595,098	\$291	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$595,098	Fall City. Reduce neighborhood isolation from flooding. Prevent slope failure of sole access roadway that would isolate 150 homes.
																Fall City. The river is scouring the road away and David Powell Road is collapsing into the river. This project will repair an existing failing revetment and extend MSE
43 WLFL2 L SNO 2019 BANK REPAIR	Lower Snoq	Agreement	\$226,149	\$2,200,000	\$1,973,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$2,200,000	Fall City. Reduce neighborhood isolation from flooding. Prevent slope failure of sole
44 WLFL2 SE FISH HATCHERY RD	Lower Snoq	Agreement	\$496,163	\$496,163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$496,163	Duvall. Strengthen the bridge structure to stabilize it after the most recent flood event,
WLFL2 FISH HATCHERY RD BR #61B REPAIR																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
45	Lower Snoq	Agreement	\$0	\$0	\$0	\$80,000	\$620,000	\$0	\$0	\$0	\$0	\$700,000			\$700,000	riverbank profile to buffer the bridge against scour. Duvall. Large capital project to repair 1000 linear feet of the Sinnema Quaale Upper
45 WLFL2 SINNEMA QUAALE 2011 REPR	Lower Snoq	FCD Const	\$12,439,513	\$12,508,516	\$69,003	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$12,508,516	revetment. Protects SR 203, two regional fiber optic lines, and Snoqualmie Valley Trail. Construction is complete.
																Duvall. 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
46 WLFL2 SNOQUALMIE VALLEY FEAS	Lower Snog	Agreement	sn	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	sn	\$500,000			\$500,000	most cost effective to improve in the valley with chronic flood issues impacting over 25,000 daily drivers.
The second secon	Sirioq	g. soment		30	\$ 0	4 0	2200,000	\$200,000	30	30		2000,000			\$000,000	Carnation. This completed project repaired approximately 250 feet of damage identified in late March 2018 to a section of the Stossel Bridge Right Bank
47 WLFL2 STOSSEL RB 2018 REPAIR	Lower Snoq	FCD Const	\$907,886	\$1,107,886	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,107,886	Revetment on the Snoqualmie River, downstream of the City of Carnation. CarnationPlaceholder costs for long-term facility improvement project to prevent
48 WLFL2 STOSSEL LONG TERM REPAIR	Lower Snoq	FCD Const	\$0	\$0	\$0	\$50,000	\$150,000	\$170,000	\$500,000	\$2,500,000	\$0	\$3,370,000			\$3,370,000	Carnation-lacenoiser costs for long-term acting improvement project to prevent erosion undermining 310th Ave NE. Carnation. This project will repair approximately 800 linear feet of the Winkelman
																(formerly RM 13.5) revetment. Erosion along the right bank of the Snoqualmie River channel threatens to undermine the Seattle Public Utilities water supply line at this

N. Tile	Danie.	Town of marines	2018 Inception to Date	2019 Inception to	2019 Available	2020	2021	2022	2023	2024	2025	6-Year CIP	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
NO. Title	Basin	Type of project	Expenditure	Date Budget	Budget	Requested	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted	Total	rear /-10	10+ Tear	Duvall. Thes	Comments e two bridges are subject to having the roadway approach fill wash out
															approaches of	d. Excavate approaches and rebuild approaches to prevent loosing during flooding. A similar repair was done on Woodinville-Duvall Bridge
50 WLFL2 DUVALL SLOUGH 2017 IMPRV	Lower Snoq	Agreement	\$277,937	\$400,000	\$122,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$400,000 No. 1136D. Carnation. Fa	ace rock displaced along approximately 50 feet of levee face. Some core
															material appe	ears to have been lost, resulting in an over steepened bank relative to d downstream undamaged levee sections. Top of damaged face
															approximatel	y 6 feet from edge of gravel trail. Continued erosion will cut off popular . Potential impact to highway if facility breaches during a major flood.
51 WLFL3 FREW LEVEE 2016 REPAIR	Tolt	FCD Const	\$164,558	\$360,360	\$195,802	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$360,360 Construction	is complete.
																epair approximately 20 feet of face and toe rock dislodged from Girl levee revetment below side channel confluence with mainstem. Missing
															face and toe	rock compromises levee integrity, increasing its vulnerability to further stential failure. Scheduled for 2018 construction.
52 WLFL3 GIRL SCOUT LEVEE 2016 REPAIR	Tolt	FCD Const	\$160,096	\$311,000	\$150,904	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Carnation. Fa	acility failure has consequences for property owners immediately
53 WLFL3 HOLBERG 2019 REPAIR	Tolt	FCD Const	\$0	\$25,000	\$25,000	\$25,000	\$450,000	\$0	\$0	\$0	\$0	\$475,000			landward of f \$500,000 property.	facility. Potential for high flows and erosive damage to residences and
				4-0,000	1 -0,000	, , , , , ,	***************************************	•		•					Carnation. Fe	easibility study to determine the nature and extent of levee ts necessary to remove four homes in unincorporated King County from
54 144 51 6 1101 0500 55 40104 1704		500.0	****	****	*****	****	•	\$0	•	\$0		******			the regulator	v Channel Migration Zone as mapped in the March 2017 Draft Tolt
54 WLFL3 HOLBERG FEASIBILITY	Tolt	FCD Const	\$62,156	\$263,969	\$201,813	\$84,222	\$0	\$0	\$0	\$0	\$0	\$84,222			\$348,191 River Chann Carnation. C	apital Investment Strategy: Design, based on level of service analysis,
55 WLFL3 LOWER FREW LEVEE SETBACK	Tolt	FCD Const	\$237	\$478,664	\$478,427	\$100,000	\$700,000	\$850,000	\$700,000	\$14,650,000	\$100,000	\$17,100,000			\$17,578,664 estimated in	priority levee setback for flood risk reduction. Phase 2 construction CIS at \$14.5M-\$16.7M
56 WLFL3 LOWER TOLT RIVER ACQUISITION	Tolt	FCD Acqu/Elev	\$529,475	\$744.475	\$215,000	(\$190,000)	\$0	\$0	\$0	\$0	\$0	(\$190.000)			Carnation. A \$554.475 future setbac	cquisition between the Swiftwater development and the river for the k of the Upper Frew Levee
			4	4,	4=10,000	(4.44)		•		•		(0.00)			Carnation. D	amage is approximately 60 lineal feet of the facility with missing toe rock ned face rock near the Snoqualmie Valley Trail. The damage is at the
															downstream	end of Remlinger facility and a breach or continued erosion would
57 WLFL3 REMLINGER LEVEE 2017 REPAIR	Tolt	FCD Const	\$139,912	\$311,000	\$171,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$311,000 complete.	iding impacts on portions of the Remlinger property. Construction
58 WLFL3 RIO VISTA PROPERTY ACQ	Tolt	FCD Acqu/Elev	\$203	\$500,000	\$499,797	(\$449,797)	\$0	\$449,797	\$0	\$0	\$0	\$0			\$500,000 Carnation. C	apital Investment Strategy: Acquire 2 at-risk homes from willing sellers; aining 14 homes as funds become available.
															Carnation. Ti privately-con	his project will buyout remaining properties and remove all homes and structed rubble levee at upstream end of the community access road,
															ultimately cor	mpleting project initiated 20 years ago by others. Approximatlely 20 ved from high hazard areas within and just upstream and downstream of
59 WLFL3 SAN SOUCI NBRHOOD BUYOUT	Tolt	FCD Acqu/Elev	\$4,359,533	\$4,953,353	\$593,820	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$4,953,353 San Souci ne	aighborhood.
															one leastion	apital Investment Strategy: Construct Tolt Road NE road elevation in Remove illegal revetment and roads in San Souci neighborhood.
60 WLFL3 SAN SOUCI REACH IMPRVMNTS	Tolt	FCD Const	\$0	\$160,000	\$160,000	\$25,000	\$90,000	\$700,000	\$700,000	\$825,000	\$0	\$2,340,000			Carnation. C	apital Investment Strategy: Conduct sediment management feasibility
61 WLFL3 SEDIMENT MGMT FEAS	Tolt	FCD Const	\$6,499	\$402,805	\$396,306	\$38,553	\$15,648	\$0	\$0	\$0	\$0	\$54,201			\$457,006 study and de	evelop a plan. Update and include upper watershed sediment production
															Carnation. C	apital Investment Strategy: Initiate study (with potential future design and add bridge span(s), raise the highway and relocate King County Parks
62 WLFL3 SR 203 BR IMPRVMNTS FEAS	Tolt	FCD Const	\$1,104	\$395,900	\$394,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$395,900 parking area.	lood damage repairs from January 2015 flood event. Locations include
63 WLFL3 TOLT 2015 FLOOD REPAIRS	Tolt	FCD Const	\$46,909	\$46,909	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$46,909 Frew, Upper	Frew, Remlinger, and Girl Scout Camp. nplement projects identified in the Capital Investment Strategy, approved
64 WLFL3 TOLT CIS MED TERM	Tolt	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,250,000		\$56,250,000 as policy dire	action by the Executive Committee.
65 WLFL3 TOLT CIS LONG TERM	Tolt	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$28,800,000	\$28,800,000 as policy dire	nplement projects identified in the Capital Investment Strategy, approved action by the Executive Committee.
															prioritized imp	he corridor plan for the lower 6 miles of the Tolt River will develop a plementation strategy for near-term and long-term floodplain
66 WLFL3 TOLT CORRIDOR PLAN	Tolt	FCD Const	\$1,138,802	\$1,153,657	\$14,855	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,153,657 management	t actions. Scheduled for adoption in 2017.
67 WLFL3 TOLT R LEVEE L.O.S. ANALYSIS	Tolt	FCD Const	\$156,769	\$413,484	\$256,715	\$278,651	\$31,031	\$0	\$0	\$0	en.	\$309,682				apital Investment Strategy: Conduct a detailed hydraulic analysis to elevation of new levees to maximize flood risk reduction benefits
07 WELD TOET IN EEVEL E.O.O. AIVACTOR	TOIL	T OD COISE	\$130,70 <i>3</i>	POP, C1 PQ	\$250,715	\$270,031	\$31,031	40	ΨΟ		90	\$303,002			Carnation. A	cquisition funding for high risk properties in levee setback project area.
68 WLFL3 TOLT R MILE 1.1 ACQ	Tolt	FCD Acqu/Elev	\$4,120,326	\$4,306,106	\$185,781	(\$50,781)	\$850,781	\$0	\$0	\$0	\$0	\$800,000			\$5,106,106 Plan.	ties will be determined by the Board through adoption of the Tolt Corridor
69 WLFL3 TOLT R NATURAL AREA ACQ	Tolt	FCD Acqu/Elev	\$2,550,314	\$2,605,067	\$54,753	\$1,350,247	\$0	\$685,000	\$0	\$0	\$0	\$2,035,247				apital investment strategy: acquire at-risk homes from willing sellers.
70 WLFL3 TOLT R RD ELEVATION FEASIBILITY	Tolt	FCD Const	\$49,508	\$250,000	\$200,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$250,000 Carnation. R	educe neighborhood isolation from flooding. Evaluate feasibility of ations of Tolt River Road.
															Carnation. C	apital Investment Strategy: Initiate design for elevation of one road aduce or eliminate isolation. Implement additional road elevations as
71 WLFL3 TOLT R RD NE IMPROVEMENTS	Tolt	FCD Const	\$0	\$0	\$0	\$0	\$53,045	\$109,273	\$225,102	\$1,043,347	\$1,432,863	\$2,863,628			\$2,863,628 funds becom	
															apply for grain	apital Investment Strategy: Initiate the levee setback design in order to nt funding. Levee setback to increase sediment storage and floodwater
72 WLFL3 UPPER FREW LEVEE SETBACK	Tolt	FCD Const	\$0	\$0	\$0	\$50,000	\$159,090	\$175,099	\$1,200,000	\$1,500,000	\$14,800,000	\$17,884,189			\$17,004,109	protect adjacent development; reduce damage to trail bridge.
															park at risk o	quisition of single-family homes and future acquisition of mobile home of channel migration along the Raging River in the Alpine Manor
73 WLFL4 ALPINE MANOR NEIGHBORHOOD BUYOUTS	Raging	FCD Acqu/Elev	\$1,753,659	\$1,853,460	\$99,801	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,853,460 neighborhood	d. pair 150 lineal feet of discontinuous damage and missing toe rock. The
															levee protect	is the landward area from flooding and serves as the road embankment
															is immediatel	an access road to the Fall City boat launch. The damaged levee section ly adjacent to the Twin Rivers golf course barn, which would experience
74 WLFL4 RAGING MOUTH TO BR 2017 REPAIR	Raging	FCD Const	\$257,426	\$500,000	\$242,574	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$500,000	ing if the levee were breached. Scheduled for 2018 construction.
75 MUSI A DAGING SCOULS SERVIS SOUT	Davis		0000	***	#= - 00 -	-					-				exposed. Re	is bridge has a history of scour damage. One of the arch foundations is pair scour mitigation measures to protect the footing. It serves only one
75 WLFL4 RAGING SCOUR REPAIR 2017 76 Snoqualmie-South Fork Skykomish Subtotal	Raging	Agreement	\$25,062 \$74,399,800	\$80,000 \$94,421,452	\$54,938 \$19,821,651	\$0 \$7,444,748	\$9,906,849	\$16,933,277	\$0 \$11,725,407	\$0 \$25,296,341	\$0 \$25,059,575	\$96,366,196	\$99,250,000	\$85,900,000	\$80,000 house but is \$375,937,648	a designated King County Landmark.
77 78																
															approximatel	. To address chronic flooding on this sole access roadway with ly 200 properties, look at upstream and downstream retention/detention
79 WLFL5 ALLEN LK OUTLET IMPRVMNT	Sammamish	Agreement	\$0	\$0	\$0	\$400,000	\$1,400,000	\$1,000,000	\$0	\$0	\$0	\$2,800,000			options; stud \$2,800,000 and select be	ly road-raining options; prepare Concept Development Report, analyze

. L.			2018 Inception to Date	2019 Inception to	2019 Available	2020	2021	2022	2023	2024	2025	6-Year CIP	CIS	CIS	Project Life	_
No. Title 80 WLFL5 SAMMAMISH R BANK REPAIRS	Basin Sammamish	Type of project FCD Const	Expenditure \$1,632,936	Date Budget \$1,180,065	Budget (\$452,871)	Requested \$0	Forecasted \$0	Forecasted \$0	Forecasted \$0	Forecasted \$0	Forecasted \$0	Total \$0	Year 7-10	10+ Year	Total \$1,180,065	Comments Woodinville. Repair and stabilize two short sections of the right riverbank near I-405 to protect the regional Sammamish River trail. Work is being coordinated with Parks. Full permitting will be required as work will be below OHW, plus an updated easement will be required from WSD0T and FHIVA due to I-405 proximity. Construction is targeted for summer 2016 and will likely require detouring trail users to adjacent roads.
						\$0	•									Redmond. Willowmoor Floodplain Restoration Project seeks to reduce the frequency and duration of high take levels in Lake Sammanish while maintaining downstream Sammanish River flood control performance and enhancing habitat. The project will reconfigure the Sammanish transition zone to ensure ongoing flow conveyance, downstream flood control, potential content lake level reduction, habitat conditions improvement, and reduction of maintenance impacts and costs. In June 2016 the Executive Committee approved a motion (2016-04) authorizing 30% design of the spiti-channel atternative including various design elements such as variable depth pools, cold water supplementation, and other elements termaced in the motion. Project costs will be updated when the 30% design is complete in December 2018.
81 WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	FCD Const	\$2,255,441	\$3,520,977	\$1,265,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$3,520,977	Issaquah, Prepare a feasibility analysis report which will include, but is not limited to, surveying, geotechnical analysis, traffic analysis, and hydraulic analysis to idenify potential solutions to bridge deficiencies, including a constructed hydraulic opening with piles that collect debris and pose risks to the stability of the bridge.
82 WLFL6 ISSAQUAH TRIB FEAS 83 WLFL6 LOWER COAL CRK PH I	Lk Wash Tribs	Agreement	\$150,000 \$5,401,669	\$350,000 \$10,461,592	\$200,000 \$5,059,923	\$0 \$2,385,377	\$0 \$114,800	\$0 \$90,500	\$0 \$63,800	\$0 \$1,472,881	\$0 \$0	\$0 \$4,127,358			\$350,000	Believue. 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 Believue. Expenditure forecast to be updated based on current project schedule.
		Agreement					\$114,000	\$90,500	\$63,800	φ1,+/2,061	30	94,127,358				Newcastle. As recommended in the May Creek Basin Plan, two sediment trap facilities will be constructed on May Creek tributaries (Cabbage and Country Creeks) to limit sediment loading. FCD funding is for initial feasibility analysis, landowner witenable for equipment of the property from the control of the country of th
84 WLFL6 MAY VALLEY DRAINAGE IMPRVMNT	Lk Wash Tribs	FCD Const	\$0	\$380,000	\$380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$380,000	Renton. This project will acquire strategic real estate upon which several large Flood Control District capital projects are dependent, namely the levee setback projects at the Herzman, Jan Rd, Rhode, Getchman, and Rutledge-Johnson Lower Jones Rd levee segments. Acquisition funding related to these projects is now included in the
85 WLFL7 CDR PRE-CONST STRTGC ACQ 86 WLFL7 CEDAR LEVEE SETBACK FEAS (Cedar Corrido	Cedar	FCD Acqu/Elev	\$2,611,789 \$1,850,907	\$4,330,532 \$1,987,587	\$1,718,743 \$136,680	\$0	\$0	\$0	\$0	\$0	\$1,200,000	\$1,200,000			\$5,530,532 \$1,987,587	individual capital projects. Renton. This six-year flood risk reduction capital investment strategy will cover the Cedar River valley from Landsburg Road SE (River Mile 22) to Lake Washington. Project complete. Closeout in 2020.
87 WLFL7 CEDAR CIS MED TERM	Cedar	FCD Acqu/Elev	\$1,030,307	\$0	\$130,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000,000			Renton. Elevate or acquire highest risk and repetitive loss properties from willing sellers. Elevate or purchase approximately 2 homes each year.
88 WLFL7 CEDAR CIS LONG TERM	Cedar	FCD Acqu/Elev	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$35,400,000	\$35,400,000	Renton.Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee. Renton. Implement projects identified in the Capital Investment Strategy, approved as
89 WLFL7 CEDAR RES FLOOD MITIGATION	Cedar	FCD Acqu/Elev	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000				policy direction by the Executive Committee. Renton. Acquire frequently-flooded homes. Placeholder funding until District adopts
90 WLFL7 CEDAR R REP LOSS MITGATN	Cedar	FCD Acqu/Elev	\$3,182,200	\$3,182,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$3,182,200	acquisition policy. Renton. Capital Investment Strategy: Repair eroded section of left bank with bioengineered revetment to stabilize toe of bank and to prevent large scale bank
91 WLFL7 CRT SITE A BANK 92 WLFL7 CFDAR RVR GRAVFL REMOVAL	Cedar	FCD Const	\$92	\$290,000	\$289,908	\$68,302	\$0	\$0	\$0 \$114.605	\$0	\$0	\$68,302			\$358,302	failure. Renton. The project will ensure the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action for the Army Corps of Engineers 205 Flood Control Project.
	Cedar	Agreement	\$9,829,478	\$12,065,498	\$2,236,020	\$501,051	\$445,679	\$111,267		\$0		\$1,172,602				Project costs were updated in March 2016. Renton. 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.
93 WLFL7 CEDAR R DWNSTREAM 2024 IMPV 94 WLFL7 CITY OF RENTON LEVEE CERTIFICATION	Cedar	Agreement Agreement	\$0 \$0	\$3,750,000	\$3,750,000	\$0 \$1,250,000	\$0 \$0	\$0 \$0	\$0 \$0	\$100,000 \$0	\$0 \$0	\$100,000 \$1,250,000			\$100,000	Renton. Levee improvements necessary to satisfy levee certification engineering recommendations.
	Cedar			\$5,311,784	\$87,309	\$1,250,550	\$0	\$0	\$0	\$0		\$0				Renton. Washington State Floodplains by Design grant from the Department of Ecology. The project will buyout residents in high risk areas, increase the capacity for flood storage, and provide corresponding environmental improvements. The project has cost-share funding from the City of Seattle. Also funds design elements
95 WLFL7 FBD CORRIDOR IMPLEMENTATION 96 WLFL7 HERZMAN LEVEE SETBACK	Cedar	FCD Acqu/Elev	\$3,224,473	\$1,266,476	\$920,206	\$287,337	\$3,828,982	\$66,818	\$0	\$0	\$0	\$4,183,137				of the Herzman project and Riverbend. Renton. Capital Investment Strategy: Setback levee; excavate side-channel to reduce pressure on revelment; reconstruct, reinforce and/or extend revetment; acquire up to 5 properties.
97 WLFL7 JAN ROAD NEIGHBORHOOD	Cedar	FCD Const	\$34,384	\$1,484,731	\$1,450,347	\$622,137	\$4,845,422	\$828,271	\$0	\$0	\$0	\$6,295,830				Renton. 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 phased for mitigation in 2021 and other improvements in 2023.
98 WLFL7 LOWER CEDAR FEASIBILITY STUDY	Cedar	FCD Const	\$342	\$400,000	\$399,658	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000			\$500,000	Renton. Capital Investment Strategy: Conduct feasibility study of Lower Codar reach in City of Renton to 1) quantity economic damage potential 2) determine infrastructure modifications to improve flood resiliency and sediment storage potential, and 30 conduct cost-benefit analysis.
99 WLFL7 LOWER JONES ROAD NEIGHBORHOOD	Cedar	FCD Const	\$608,558	\$1,898,466	\$1,289,908	\$0	\$681,352	\$235,089	\$4,540,762	\$1,631,720	\$0	\$7,088,924			\$8,987,390	Renton. Capital Investment Strategy: Raise in place or setback Jones Road; excavate and stabilize right bank to increase conveyance capacity; reinforce one revetment; remove portion of another revetment; acquire 8 at risk properties Construction delayed to 2024 to accommodate Jan Rd construction in 2021 or 2022.
100 WLFL7 MADSEN CR RENTON	Cedar	Agreement	\$0	\$635,000	\$635,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$635,000	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
101 WLFL7 MAPLEWOOD FEASIBILITY STUDY	Cedar	FCD Const	\$179,145	\$490,246	\$311,101	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$490,246	Erickson Levee. Pending results of landslide hazard analysis, FCD will consider options for a project. Issaquah. Construct intersection improvements which could be either a roundabout
102 WLFL7 ISSAQUAH MAY VALLEY IMPV	Cedar	Agreement	\$0	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$100,000	issadudir. Consider intersection improvements which could be elimer a foundation or additional travel lanes with a travel signal at the intersection of Issaquah Hobart Road SE and SE May Valley Road.

			2018 Inception to Date	2019 Inception to	2019 Available	2020	2021	2022	2023	2024	2025	6-Year CIP	CIS	CIS	Project Life	
No. Title	Basin	Type of project	Expenditure	Date Budget	Budget	Requested	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted	Total	Year 7-10	10+ Year	Total	Comments Renton. 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 protion of scope is
103 WLFL7 RIVERBEND MHP ACQ	Cedar	FCD Acqu/Elev		\$5,231,042	\$868,157	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$5,231,042	complete. Renton. 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
104 WLFL7 MADSEN CR CULVERT 2017	Cedar	Agreement	\$206,205	\$1,100,000	\$893,795	\$1,430,000	\$0	\$0	\$0	\$0	\$0	\$1,430,000			\$2,530,000	impacts. Renton. Conduct feasibility study in coordination with WSDOT to evaluate flood risk reduction opportunities, such as elevating SR 169, upgrading the local drainage
105 WLFL7 SR 169 FEASIBILITY STUDY	Cedar	FCD Const	\$170,603	\$646,800	\$476,197	\$138,203	\$0	\$0	\$0	\$0	\$0	\$138,203			\$785,003	infrastructure, and / or installation of back flow prevention gates. Funding added in 2019 pending FCD decision to move forward with preliminary design.
106 Cedar-Sammamish Subtotal 107			\$38,047,379	\$60,062,996	\$22,015,617	\$7,082,407	\$11,416,235	\$2,331,945	\$4,719,167	\$3,204,601	\$2,000,000	\$30,754,355	\$22,000,000	\$35,400,000	\$148,217,351	
108																Enumclaw. Improve the drainage system to alleviate neighborhood flooding. May
109 WLFLB 212TH AVE SE @ SR 164 FLD IMPRVMNT	Green	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$190,000	\$190,000			\$190,000	require improvements outside of the road right-of-way. 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 ripartan plantings. The reviewed 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 Briscop orpicet will be foceed out once the Districts ILM.
110 WLFL8 BRISCOE LEVEE SETBACK	Green	Agreement	\$21,072,606	\$23,330,271		\$0	\$0	\$0	\$0	\$0	\$0	\$0				with Kent expires in 2018. 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
111 WLFL8 BRPS CONTROL BLDG RPLCMT	Green	FCD Const	\$106	\$380,506	\$380,400	\$1,926,876	\$7,813,278	\$13,241,331	\$9,647	\$0	\$0	\$22,991,133			\$23,371,639	Renton. This project will design and build the fourth phase of renovations to the
112 WLFL8 BRPS FISH PASS IMPRVMNTS	Green	FCD Const	\$0	\$0	\$0	\$0	\$992,079	\$3,782,881	\$4,107,257	\$3,453,157	\$92,073	\$12,427,447			\$12,427,447	Black River pump station, revising and replacing the obsolete fish passage systems. 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
113 WLFL8 BRPS HIGH-USE ENGINES	Green	FCD Const	\$215,646	\$1,484,646	\$1,269,000	\$1,949,130	\$33,949	\$0	\$0	\$0	\$0	\$1,983,079				frequently than the other, larger pump engines. 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
114 WLFL8 BRPS SUPPORT SYS UPGRADES	Green	FCD Const	\$0	\$0	\$0	\$1,149	\$183,181	\$940,317	\$876,479	\$12,074	\$0	\$2,013,200				systems, oilers and hoists. Auburn. Conduct a feasibility study to raise the levee providing 100-year flood
115 WLFL8 GALLI-DYKSTRA FEASIBILITY	Green	FCD Const	\$0	\$330,000	\$330,000	\$2,430	\$0	\$0	\$0	\$0	\$0	\$2,430			\$332,430	protection plus 3 feet of freeboard. Auburn. Complete Phase 1 repair per a request from the City of Auburn. Elevate
116 WLFL8 GALLI-DYKSTRA 2020 REPAIR	Green	FCD Const	\$0	\$200,000	\$200,000	\$407,314	\$1,550,783	\$0	\$ 0	\$0	\$0	\$1,958,097				3500 feet levee reach to meet FEMA levee certification requirements. Tukwila. This project will acquire strategic real estate upon which future large Flood Control District capital projects are dependent, thereby reducing risks to construction
117 WLFL8 GREEN PRE-CONST ACQ 118 WLFL8 GREEN R PL84-99 MITIGATN	Green	FCD Acqu/Elev	\$393,751 \$5,173,981	\$10,368,856 \$5,660,542	\$9,975,105 \$486,561	\$0 \$0	\$5,000,000 \$0	\$5,000,000	\$5,000,000	\$5,000,000 \$0	\$5,000,000 \$0	\$25,000,000 \$0				schedules for those projects. Alburn. This project will result in actions to mitigate environmental damage from tree cutting during 2008-9 (as required by permitting agencies) to maintain eligibility for US Army Corps of Engineers PL84-99 program. The current mitigation effort is the Teutlel project scheduled for 2018 construction.
119 WLFL8 HSB BREDA SETBACK KENT	Green	Agreement	\$834,330	\$4,758,953	\$3,924,623	\$2,431,377	\$8,381,110	\$43,709	\$0	\$0	\$0	\$10,856,196			\$ 15,615,149	Kent. New project to implement interim SWIF adopted by Board of Supervisors. This project will reconstruct the Horseshoe Bend Levee at the Breda reach (RM 24.46- 24.72) to a more stable configuration in order to reduce flood risk to the surrounding areas. The project will also raise levee crest elevations to contain the 500-year (0.2% annual chance) flood. This segment of the levee has the lowest factor of safety rating of the Horseshoe Bend levee.
																Kent. New project to implement interim SVIVIF adopted by Board of Supervisors. This PL 84-99 leves segment contains a "Minimally scorptable" rating by the USACE due to a slope deficiency at RM 24.3 (over steepened slopes from 1.3 to 1.7H+1 Vfor 500 lett. The Cliv of Kent constructed a secondary containment levee in this reach, set back from the river's edge, which is currently not part of the federal levee. The only remaining structure between the two levees is a Puget Sound Energy facility. The Horseshoe Bend Levee Certification Report calculated Factor of Safety (FOS) values for rapid drawdown of 1.08 and 7.5 st abour RM 24.3 and RM 24.4, respectively. Rever bed socur in this reach between 1986 and 2011 is 2.7 feet at RM 24.2.4. Funding of \$40.000 covers the cost of rapid modification to he federal levee so that the Cliv of Kent's secondary containment levee can be incorporated into the
120 WLFL8 HSB MCCOY REALIGNMENT KENT	Green	Agreement	\$4,138	\$400,000	\$395,862	\$116,138	\$2,333,980	\$764,909	\$0	\$0	\$0	\$3,215,027			\$3,615,027	federal levee project. Kent New project to implement interior SMIE edeated by Board of Supervious The
	S	FOR Co		-			8400 000	en 000 ccc	6500.000	-		50.000.000			80.000.000	Kent. New project to implement interim SWIF adopted by Board of Supervisors. The Nursing Horne levels o wer-steepened and does not meet current engineering standards. The economic consequence of levee failure or overtopping to the lower Green River valley is extensive and could cause tens of millions of collars in damage. This capital project area contains a "Minimally Acceptable" deficiency by the USA mmy Corps of Engineers at RMZ 5. 5 (over steepened slopes from 1. 25 to 1. 7H:1V for 225 feet). The Horseshoe Bend Levee Certification Report calculated a Feator of Safety (FOS) value for rapid drawdswor of 1. of 1 at RM 25. 5? (Section F). This is barely above the minimum FOS (1. 0) from the US Army Corps of Engineers manual.
121 WLFL8 HSB NURSING HOME SETBACK	Green	FCD Const	\$0	\$0	\$0	\$0	\$100,000	\$2,000,000	\$500,000	\$0	\$0	\$2,600,000			\$2,600,000	Kent. Coordination and planning activities to implement recommendations of interim
122 WLFL8 INTERIM SWIF IMPLEMENTATION	Green	FCD Const	\$66,887	\$85,000	\$18,113	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$85,000	SWIF. Maintenance work associated with the interim SWIF is included in the operating budget.
123 WLFL8 LOWER RUSSELL ACQ KENT	Green	Agreement	\$1,059,834	\$1,023,656	(\$36,178)	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,023,656	Kent. Acquisitions by the City of Kent for the Lower Russell levee setback project.
124 WLFL8 LWR GRN R CORRIDOR PLAN/EIS	Green	FCD Const	\$233,117	\$1,743,249	\$1,510,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,743,249	Kent. Lower Green River Corridor Planning and Environmental Impact Statement.

12 MATERIAN 12 13 14 15 15 15 15 15 15 15																	
				to Date	Inception to			2021	2022	2023	2024	2025				Project Life	
Section Control Cont	No. Title	Basin	Type of project	Expenditure	Date Budget	Budget	Requested	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted	Total	Year 7-10	10+ Year	Total	
Company Comp																	revetments along the right (east) bank of the Green River between river mile 17.85 (S 121th 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
THE OWN AND ADMINISTRATION OF THE CASE OF SAME STATES AND ADMINISTRATION OF THE CASE OF TH	125 WLFL8 LWR RUSSELL LEVEE SETBACK	Green	FCD Const	\$12,147,579	\$17,462,534	\$5,314,955	\$26,447,505	\$4,116,794	\$6,358,982	\$12,710	\$0	\$0	\$36,935,991			\$54,398,525	
The part of the	126 WLFLS MILWALIKEE LEVEE #2-KENT	Green	Agreement	\$296 589	\$19,400,000	\$19 103 411	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$19.400.000	provide flood protection, scour protection, enable levee certification and secure
Value Valu	TEO WELLOWIET/YORKE ELVEL "E NEW!	Oloui	rigidomoni	\$250,000	\$10,100,000	\$10,100,111	ų,	40	Ψ0	40	-		•			Q10,100,000	Auburn. This project will conduct a feasibility analysis of channel migration hazards
28 MILES AND REPORT NOT 19 19 19 19 19 19 19 1	127 WLFL8 OLD JEFFS FARM REVETMENT	Green	FCD Const	\$221,298	\$826,802	\$605,504	\$50,525	\$3,040,810	\$81,863	\$0	\$0	\$0	\$3,173,198			\$4,000,000	as a placeholder.
Agreement 10 10 10 10 10 10 10 1	128 WI FLS GREEN SCOUR REPAIR 2017	Green	Agreement	\$47.524	\$150,000	\$102.476	\$0	\$0	\$0	\$0	\$0	SO.	\$0			\$150,000	through route of the Green River Valley Rd. The bridge is also a King County
19 MATA GREER REPROVED NOT 19 19 19 19 19 19 19 19																	Auburn. Improve SE Green Valley Road near SE Auburn Black Diamond Road and
	129 WLFL8 GREEN R IMPROVEMENT 2024	Green	Agreement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000			\$100,000	of overlay.
10 NULL STANDATION TRANSPORTING LATERS																	project. By relocating the levee, flood risks as well as future repair costs for the Flood
Agentine Section Agentine Section Agentine Section S																	includes funding to elevate the road so that the school bus consing this pointh orband
Second Continues Second Cont	130 WLFL8 PORTER LEVEE	Green	FCD Const	\$720,000	\$720,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$720,000	
331 WILLE STRATE Communication Communi																	above the predicted 500-year flood event and improve slope stability. These
Agreement Section Agreement Section Agreement Section	131 WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	\$6.054.711	\$6.082.173	\$27.462	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$6.082.173	segments of the Russell Road Upper Levee have over-steepened slopes and therefore lack adequate structural stability to provide adequate safety.
Agreement September Sept				\$0			•			\$0	\$0	SO.	\$0				Tukwila. The project will increase the height of a flood wall to provide approximately 30"
SWAP SQANTON FROM FOLD Const. Suppose Suppos																	Kent. Signature Pointe is a revetment/levee on the Green River between river mile
133 WFLB SIGNATURE PT REVETMENT KENT Green Agreement \$80,840 \$300,000 \$210,157 \$9 \$0 \$9 \$9 \$9 \$9 \$9 \$9																	inadequate freeboard. This project includes development of a project charter and an
Next, Repair of the most inflament failure and closes, Nor report of approximation and provided a potential report and closes, The report and colleges, The report and colleges and	133 WLFL8 SIGNATURE PT REVETMENT KENT	Green	Agreement	\$89.843	\$300.000	\$210.157	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$300.000	
Triving Triv																	Kent. Repair of the recent damage to the Titus Pit 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,
Section Sect	134 WLFL8 TITUS PIT RVTMNT 2018 REPAIR	Green	Agreement	\$167,738	\$250,000	\$82,262	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$250,000	Tukwila. New project to implement interim SWIF adopted by Board of Supervisors.
15 WIFES TUK-20 KATCLO FLOOWALL Green FCD Const 50 50 50 50 50 50 50 5																	adjacent businesses from flooding. The floodwall alignment (including embankment
Seattle Seat	135 WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$300,000	\$0	\$0	\$1,800,000			\$1,800,000	slope, factors of safety, and necessary real estate) will be finalized during the project design phase.
138 WLFLS TUK-205 USACE GACO-SEGALE Green FCD Const \$762,960 \$15,732,418 \$14,969,458 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$																	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.
Seattle. Cost-share construction of pump station to reduce flooding in industrial area. Agreement \$1,819,777 \$1,787,004 \$52,773 \$4,717,996 \$0 \$0 \$0 \$0 \$4,717,996 \$6,505,000 \$6,0000 \$1,800,000 \$1,800,000 \$1,800,000 \$0 \$0 \$0 \$0 \$0 \$0 \$			500.0	****	*** *** ***	******	•		•		•						The USACE will share remaining 2/3 of the cost; this allocation is the local share of
Seattle Agreement St. 819,777 St. 787,004 St. 787,004 St. 773 St. 717,996 St. 505,000 St. 717,996 St. 505,000 St. 800,000 St. 800,00	136 WEFER TUK-205 USACE GACO-SEGALE	Green	FCD Const	\$762,960	\$15,/32,418	\$14,969,458	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$15,/32,418	Seattle. Cost-share construction of pump station to reduce flooding in industrial area.
Seattle Agreement So \$1,800,000 \$1	407 MUELO COLITIL DADIK DUMPOTATION	0		\$4.040.777	64 707 004	(600 770)	64 747 000		60	60	***	60	64 747 000			8 0 F0F 000	Implemented by the City of Seattle. Expenditure forecast to be updated based on
Seattle				\$1,819,777				\$0		\$0		\$0					Seattle. This project will replace an aging and undersized creek culvert under Puget
Seatile Agreement \$412,995 \$1,000,000 \$587,005 \$9,075,000	136 WEES PUGET WAT COLVERT	Seattle	Agreement	\$0	\$1,800,000	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,800,000	Seattle. The South Park Drainage Conveyance Improvements Project will install a
August 140 WLFL9 ANDERSON PARK ACQUISITION White FCD Acqu/Elev \$0 \$100,000 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	120 M/I EL C C DARK DRAINACE IMPROVEMENTS	Contrio	Agroomont	\$412.005	\$1,000,000	\$597.00E	\$0.075.000	\$7,020,000	60	\$0	6 0	80	\$16 105 000			\$17.10E.000	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	139 WEFES S FARK DRAINAGE IMPROVEMENTS	Seattle	Agreement	\$412,993	\$1,000,000	\$387,003	\$9,075,000	\$7,030,000	φ0	φ0	30	30	\$10,100,000			\$17,103,000	Tukwila. Erosion and slumping of Tukwila Trail revetment caused by the recent
142 143 144 WLFL9 ANDERSON PARK ACQUISITION White FCD Acqu/Elev \$0 \$100,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	140 WLFL8 TUKWILA RVTMT 2019 REPAIR	Green	FCD Const	\$0 \$51 795 409	\$500,000 \$115,841,088	\$500,000 \$64,046,578	\$0 \$47.125.440	\$0 \$40.575.963	\$0 \$33,713,002	\$0 \$10.806.094	\$0	\$0 \$5.282.073	\$146,068,703	su su	\$0	\$500,000	
Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is split by the White River; acquire undevelopable and inaccessible southern portion of park in Pitter County from the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City of Enumciaw. Park is park and in the City	142			ψ51,735,403	\$113,041,300	ψ04,040,370	ψ47,123,440	\$40,575,505	\$00,110,002	\$10,000,004	ψ0,000,201	ψ3,202,013	\$140,000,733	30	Ψ	\$201,310,702	
Pacific. This project will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canla from high river flows. The project will design shape project will design shape principle will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canla from high river flows. The project will design shape permit a stormwater pump station which will fill significantly reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canla from high river flows. The project will design shape provided by the project will design shape provided by the project will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canla from high river flows. The project will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in Government Canla from high river flows. The project will reduce flood risks to residences and businesses in the Cities of Pacific and Algona by addressing backwatering and drainage problems in the Cities of Pacific and Algona by addressing backwatering and drainage problems in the Cities of Pacific and Pacif																	Enumclaw. Park is split by the White River, acquire undevelopable and inaccessible
of Pacific and Algona by addressing backwatering and drainage problems in Government Caral from the Thors. The reliable to the Covernment Caral from	144 WLFL9 ANDERSON PARK ACQUISITION	White	FCD Acqu/Elev	\$0	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$100,000	
stormwater pump station which will significantly reduce flood risks to approximately																	of Pacific and Algona by addressing backwatering and drainage problems in
																	stormwater pump station which will significantly reduce flood risks to approximately
five hundred homes and businesses. The completed project will also reduce long-	145 WLFL9 BUTTE AVE FLOOD MITIGATION	White	Agreement	\$104.080	\$470,000	\$275.011	\$0	\$0	\$0	\$0	\$0	so.	\$0			\$470,000	term road alequing that have accurred in the past due to fleeding
145 INCPLS BOTTE AVE FLOOD MITIGATION Write Agreement \$194,099 \$470,000 \$273,911 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	TE ES DOTTE AVETEGOD WITIGATION		Agreement	₩900,000 1 W	0,000 +⊷پ	ا ۱۳٫۵۱۱	φυ	φυ	Ψ0	φ0	3 0	30	90			947U,UUU	Tukwila. Reduces flood elevations that impact residential neighborhoods in the City
146 WLFL9 COUNTYLINE TO A STREET White FCD Const \$23,828,084 \$24,004,419 \$176,335 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	146 WLFL9 COUNTYLINE TO A STREET	White	FCD Const	\$23,828,084	\$24,004,419	\$176,335	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$24,004,419	improves sediment storage and enhances habitat.
railroad bridge embankment to endpoint at Butte Ave. by White River Estates	147 WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Conet	\$12 234 002	\$13,843,157	\$1 609 165	\$1 008 045	\$1 513 004	\$7 112 550	\$7 213 38F	\$140 540	60	\$17.097.440			\$30 030 507	railroad bridge embankment to endpoint at Butte Ave. by White River Estates
147 WELLS RIGHT BANK LEVEE SE BACK Write PLD Const \$12,234,392 \$13,643,157 \$1,000,105 \$1,12,509 \$7,112,509 \$7,112,509 \$149,546 \$0 \$17,007,440 \$30,930,397 Interpretational Conference on the proof of the proof o	177 WELL CONTONI DAING LEVEE SCIDAGE	TTINE	i CD Const	\$12,234,99Z	φ13,0 4 3,157	\$1,000,10	\$1,080,040	φ1,313,9U4	⊕1,112,359	\$1,213,365	φ1 43 ,340	\$0	\$17,007,440			430,330,387	Greenwater. In mid-2018 budget reallocation, funding was authorized to acquire a
vacarup properts it is visited countries and a well a common to the countries of the countries and a well additional funding an expert sit is visited countries and a well additional funding necessary to complete demolition and asbestos abatement at a remote and																	Subsequent site visits identified multiple unpermitted structures and a well; additional
148 WLF9 SLIPPERY CREEK ACQ White FCD Acqu/Elev \$10,377 \$180,000 \$0 \$0 \$0 \$0 \$0 \$0 \$180,000 inaccessible location.	148 WLFL9 SLIPPERY CREEK ACQ	White	FCD Acqu/Elev	\$10,377	\$180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				inaccessible location.
Aubum. This project will analyze culvert replacement and road-raising options and segment. Segment white Agreement \$84,413 \$190,000 \$105,587 \$400,000 \$0 \$0 \$0 \$0 \$0 \$500,000 \$690,000 \$600,000 \$690,000	149 WLFL9 CHARLIE JONES US CULVERT	White	Agreement	\$84,413	\$190,000	\$105,587	\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$500,000			\$690,000	implement the preferred option.
150 WLFL9 CHARLIE JONES DS CULVERT White Agreement 50 50 50 \$150,000 \$1,500,000 \$0 \$0 \$1,650,000 \$1									i l			1	1		1		r coom r no project will alialyze culvert replacement and read-raising options and

No. Title	Basin	Type of project	2018 Inception to Date Expenditure	2019 Inception to Date Budget	2019 Available Budget	2020 Requested	2021 Forecasted	2022 Forecasted	2023 Forecasted	2024 Forecasted	2025 Forecasted	6-Year CIP Total	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
151 WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	\$0	\$200.000	\$200,000	\$446.374	\$0	\$0	\$0	\$0	\$0	\$446.374			\$646.374	Auburn. Loss of facing rock along 130' of the lower half of the embankment. Some of the gravel fill under the rock has eroded as well, leaving a near-vertical face supporting the rock remaining on the upper slope. The rock that slid down is currently providing soour protection at the toe.
152 White Subtotal			\$36,351,955	\$38,987,576	\$2,465,998	\$1,944,419	\$1,763,904	\$8,612,559	\$7,213,385	\$149,546	\$0	\$19,683,814	\$0	\$0	\$58,671,390	
153																
154																
155 WLFLX CORRIDOR PLN DESIGN/CONST PLACEHOLD	Countywide	FCD Const	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	Placeholder for corridor plan implementation project(s)
156 Countywide Corridor Plan Imp Subtotal			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
157																
	Countywide	Grant	\$8,993,154	\$17,852,257	\$8,859,103	\$3,267,286	\$3,347,552	\$3,425,509	\$3,502,154	\$3,578,980	\$3,588,460	\$20,709,941			\$38,562,198	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
160 WLFLG WRIA GRANTS	Countywide	Grant	\$20,647,848	\$32,303,948	\$11,656,100	\$4,684,168	\$4,818,604	\$4,956,898	\$5,099,161	\$5,245,506	\$5,396,052	\$30,200,389			\$62,504,337	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
161 WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	\$2,385,821	\$2,929,221	\$543,400	\$330,232	\$890,956	\$834,056	\$892,524	\$804,751	\$585,512	\$4,338,030			\$7,267,251	Evaluation of capital projects to determine effectiveness and identify project design improvements.
162 WLFLO SUBREGNL OPPRTNTY FUND	Countywide	Grant	\$34,916,901	\$55,311,183		\$6,077,152	\$6,226,447	\$6,371,447	\$6,514,006	\$6,656,903	\$6,674,535	\$38,520,490			\$93,831,673	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
	Countywide	FCD Const	\$0	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0				Stockpile role for future flood damage repairs.
	Countywide	FCD Const	\$748,397	\$1,011,493	\$263,096	\$100,000	\$142,592	\$146,870	\$151,276	\$155,815	\$160,489	\$857,042				Central charges related to the FCD's capital fund.
	Countywide	FCD Const	\$419,042	\$1,050,917	\$631,875	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000				Contingency for emergency response actions during a flood event.
166 Countywide Subtotal			\$68,111,164	\$110,959,019	\$42,847,856	\$14,458,838	\$15,676,151	\$15,984,779	\$16,409,120	\$16,691,955	\$16,655,048	\$95,875,892	\$0	\$0	\$206,834,911	
167																
168 Grand Total			\$268,705,708	\$420,273,031	\$151,197,700	\$78,055,852	\$79,339,102	\$77,576,552	\$50,873,174	\$53,907,675	\$48,996,696	\$388,749,051	\$121,250,000	\$121,300,000	\$1,051,572,082	