



KING COUNTY
Signature Report

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

July 14, 2015

FCD Resolution

Proposed No. FCD2015-07.2

Sponsors

1 A RESOLUTION relating to the operations and
2 finances of the King County Flood Control Zone
3 District; adopting a revised 2015 budget, operating
4 budget, capital budget, six-year capital
5 improvement program for 2015 - 2020, and
6 subregional opportunity fund allocations;
7 authorizing improvements; and amending
8 Resolution FCD2014-14.3.

9 WHEREAS, the King County Flood Control Zone District ("District") adopted its
10 2015 work program, budget, operating budget, capital budget, six-year capital
11 improvement program, oversight budget and subregional opportunity fund allocations in
12 Resolution FCD2014-14.3; and

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

16 WHEREAS, the carry-forward amount for unspent appropriations from 2014 to
17 2015 is \$69,202,316; and

18 WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the
19 proposed carry-forward amount and a supplemental budget on July 13, 2015; and

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

23 WHEREAS, the Board desires to adopt amendments to the District's 2015
24 budget, operating budget, capital budget, six-year capital improvement program, and
25 subregional opportunity fund allocations; now, therefore

26 BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE KING
27 COUNTY FLOOD CONTROL ZONE DISTRICT:

28 SECTION 1. The Board adopts a revised 2015 budget for the District, as set forth
29 in Attachment A to this resolution, titled "2015 Reallocation Budget 7-13-15," and
30 amends Section 2 of FCD2014-14.3 accordingly.

31 SECTION 2. The Board adopts a revised 2015 operating budget for the District,
32 applicable to King County, the District's service provider, as set forth in Attachment B to
33 this resolution, titled "2015 Reallocation Operating Budget 7-13-15," and amends Section
34 3 of FCD2014-14.3 accordingly.

35 SECTION 3. The Board adopts a revised 2015 capital budget for the District,
36 consisting of the projects and expenditures, including the subregional opportunity fund,
37 as set forth in Attachment C to this resolution, titled "2015 Reallocation Capital Budget
38 7-13-15," and amends Sections 4 of FCD2014-14.3 accordingly.

39 SECTION 4. The Board adopts a revised six-year capital improvement program
40 for the District, as set forth in Attachment D to this resolution, titled "2015 - 2020
41 Reallocation Six-Year CIP 7-13-15," and amends Section 5 of FCD2014-14.3
42 accordingly.

43 SECTION 5. The Board adopts the 2015 subregional opportunity fund project
44 list, as set forth in Attachment E to this resolution, titled "2015 Subregional Opportunity
45 Fund Allocations," and amends Section 7 of FCD2014-14.3 accordingly.

46 SECTION 6. The Board adopts the 2015 Annual District Oversight Budget, as set
47 forth in Attachment F to this resolution, titled "2015 Reallocation of Annual District
48 Oversight Budget 7-13-15", and amends Section 6 of FCD2014-14.3 accordingly.

49 SECTION 7. The Board approves a payment not to exceed \$300,000 to the City
50 of Lake Forest Park from the District's general fund as an advance distribution of the
51 City of Lake Forest Park's 2015 and future Opportunity Fund allocations. The Chair of
52 the District or designee is authorized and directed to execute an amendment to the
53 Opportunity Fund Agreement between the District and the City of Lake Forest Park that
54 implements this payment and advance allocation. The amendment shall protect the
55 District's interests, and shall include all necessary and appropriate terms and conditions,
56 including but not limited to project description, fund use, financing costs and expenditure
57 verification. The Director of the Water and Land Resources Division or designee shall
58 document this advance distribution of the City of Lake Forest Park's 2015 and future
59 Opportunity Fund allocations in the annual budget and six-year CIP.

60 SECTION 8. In accordance with the interlocal agreement between the District
61 and King County, Section 3.5, King County shall notify the District executive director in
62 writing if the county needs to modify or reprioritize capital projects. The interlocal
63 agreement, Section 5, provides that if King County needs to amend the annual budget or
64 work plan, King County should prepare an amendment for the Board's review and action
65 by resolution. King County's notifications to the District should include information

66 regarding variations within project budgets of more than twenty percent in the
67 "acquisition," "design," "construction," "contingency" and "total" expenditure categories,
68 shown on Attachments C and D to this resolution.

69 SECTION 9. A. The Board authorizes the extension, enlargement, acquisition or
70 construction of improvements, as applicable, as set forth on Attachments C, D and E of
71 this resolution.

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

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

81 D. Estimated costs for acquisitions and improvements together with
82 supporting data are set forth on Attachments C, D and E.

83 E. The improvements set forth in Attachments C, D and E are determined to

84 benefit the county as a whole, as well as the zone.

85 SECTION 10. The Board retains all provisos contained within FCD2014-14.3.

86

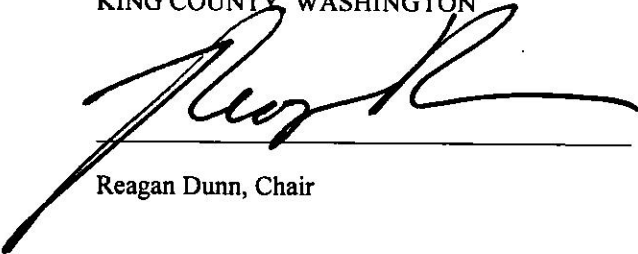
FCD Resolution was introduced on and passed as amended by the King County Flood Control District on 7/13/2015, by the following vote:

Yes: 8 - Mr. Phillips, Mr. von Reichbauer, Mr. Gossett, Ms. Lambert,
Mr. Dunn, Mr. McDermott, Mr. Dembowski and Mr. Upthegrove

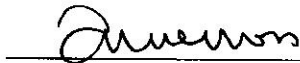
No: 0

Excused: 1 - Ms. Hague

KING COUNTY FLOOD CONTROL DISTRICT
KING COUNTY, WASHINGTON


Reagan Dunn, Chair

ATTEST:



Anne Noris, Clerk of the District

Attachments: A. 2015 Reallocation Budget 7-13-15, B. 2015 Reallocation Operating Budget 7-13-15, C. 2015 Reallocation Capital Budget 7-13-15, D. 2015 - 2020 Reallocation Six-Year CIP 7-13-15, E. 2015 Subregional Opportunity Fund Allocations, F. 2015 Reallocation of Annual District Oversight Budget 7-13-15

King County Flood Control District

Attachment A - Reallocation Budget

July 13, 2015

	2015 Approved Program	2014 Carryover	2015 Reallocation	2015 Total
Net Flood District Administration	644,213		3,087	647,300
Maintenance and Operation	9,222,891		113,000	9,335,891
Construction and Improvements	57,852,175	\$69,202,316	5,513,176	132,567,667
Bond Retirement and Interest	\$0		\$0	\$0
Total	67,719,279	69,202,316	5,629,263	142,550,858

King County Flood Control District

Attachment B - Operating Budget

7/13/2015

	2015 Requested	2014 Carryover	2015 Reallocation	2015 Revised
Annual Maintenance	\$2,132,048			\$2,132,048
Flood Hazards Plan, Grants, Outreach	\$424,852			\$424,852
Flood Hazard Studies, Maps, Technical Services	\$1,140,872			\$1,140,872
Flood Preparation, Flood Warning Center	\$463,000			\$463,000
Program Management, Supervision, Finance, Budget	\$791,390			\$791,390
Program Implementation	\$1,629,559		\$88,000	\$1,717,559
Overhead / Central Costs	\$2,641,170		\$25,000	\$2,666,170
Total	\$9,222,891	\$0	\$113,000	\$9,335,891

King County Flood Control District

Attachment C - 2015 Reallocation Capital Budget

13-Jul-15

Project	Acquisition	Design	Construction	Contingency	Total
Snoqualmie River Basin	\$10,388,987	\$10,445,672	\$10,014,722	\$0	\$30,849,381
Cedar River Basin	\$5,370,006	\$9,839,503	\$4,643,417	\$358,536	\$20,211,461
Green River Basin	\$0	\$9,786,112	\$24,486,832	\$2,878,580	\$37,151,524
White River Basin	\$0	\$1,679,793	\$8,302,171	\$0	\$9,981,965
Seattle	\$0	\$0	\$1,599,964	\$0	\$1,599,964
Effectiveness Monitoring	\$0	\$688,839	\$0	\$0	\$688,839
Countywide Corridor Plan Implementation	\$0	\$71,305	\$0	\$0	\$71,305
Countywide Miscellaneous	\$0	\$0	\$0	\$661,530	\$661,530
Opportunity Fund	\$0	\$0	\$14,917,990	\$0	\$14,917,990
Grant Fund	\$0	\$0	\$5,542,957	\$0	\$5,542,957
WRIA Grant Funding	\$0	\$0	\$10,890,751	\$0	\$10,890,751
Total	\$15,758,993	\$32,511,224	\$80,398,805	\$3,898,645	\$132,567,666

King County Flood Control District

Attachment D - 2015 - 2020 Reallocation Six-Year CIP

13-Jul-15

Name	2015 Approved	2016 Carryover	2017 Reallocation	2018 Reallocation	2019 Reallocation	2020 Reallocation	2021 Reallocation	2022 Reallocation	2023 Reallocation	2024 Reallocation	2025 Reallocation	2026 Reallocation	2027 Reallocation	2028 Reallocation	2029 Reallocation	2030 Reallocation
Snoqualmie River Basin	\$9,236,644	\$14,625,171	\$6,987,566	\$30,849,381	\$13,120,832	\$17,320,274	\$8,452,704	\$7,482,735	\$18,706,661	\$95,932,587						
Cedar River Basin	\$11,123,330	\$8,843,378	\$244,754	\$20,211,461	\$8,059,507	\$3,171,169	\$3,843,986	\$3,381,617	\$5,683,330	\$44,351,070						
Green River Basin	\$18,642,586	\$20,264,091	(\$1,755,153)	\$37,151,524	\$17,817,309	\$5,365,600	\$2,752,563	\$981,727	\$3,695,002	\$67,763,725						
White River Basin	\$4,770,658	\$5,211,307	\$0	\$9,981,965	\$6,782,487	\$1,902,653	\$6,310,642	\$8,007,685	\$123,881	\$33,109,313						
Seattle Projects	\$1,190,575	\$423,403	(\$14,013)	\$1,599,964	\$2,000,000	\$1,809,425	\$0	\$0	\$0	\$5,409,389						
Effectiveness Monitoring	(\$127,348)	\$816,187	\$0	\$688,839	\$635,408	\$898,945	\$542,472	\$422,823	\$386,497	\$3,574,984						
Countywide Corridor Plan Implementation	\$71,305	\$0	\$0	\$71,305	\$2,489,775	\$2,452,537	\$11,213,074	\$9,430,286	\$2,010,077	\$27,667,054						
Countywide Miscellaneous	\$334,330	\$577,178	(\$249,978)	\$661,530	\$429,300	\$434,678	\$440,219	\$445,925	\$435,086	\$2,846,738						
Subregional Opportunity Fund	\$5,499,189	\$9,118,801	\$300,000	\$14,917,990	\$5,549,104	\$5,673,172	\$5,796,748	\$5,920,059	\$6,044,608	\$43,901,681						
Grant Fund	\$2,883,634	\$2,659,323	\$0	\$5,542,957	\$2,970,143	\$3,059,247	\$3,151,025	\$3,245,555	\$3,342,922	\$21,311,849						
WRIA Grant Funding	\$4,227,272	\$6,663,479	\$0	\$10,890,751	\$4,354,089	\$4,484,712	\$4,619,253	\$4,757,831	\$4,900,565	\$34,007,201						
Total	\$57,852,175	\$69,202,316	\$5,513,176	\$132,567,667	\$64,207,954	\$46,572,412	\$47,122,686	\$44,076,243	\$45,328,629	\$379,875,590						

King County Flood Control District

Attachment E - 2015 Subregional Opportunity Fund Allocations

06/12/15

Jurisdiction	Opportunity Fund Allocation	Project Name	Project Description
Algona		DEFERRING	DEFERRING
Auburn	\$10,000 \$92,995	Auburn White River Property Acquisition	REVISED: The City of Auburn proposes to acquire approximately 34 acres of riparian corridor property on both sides of the White River in Auburn between A Street and R Street.
Beaux Arts		DEFERRING	DEFERRING
Bellevue	\$570,775	Valley Creek / NE 21 st Street Flood Control	The city requests amending the following 2014 project: Construction of an enlarged culvert at NE 21 st Street and Valley Creek along with in-channel improvements to alleviate structural flooding of nearby businesses and roads. In addition to constructing the new culvert the private property downstream of the culvert will be purchased so that the in-channel improvements can be built, specifically: • Postponement of the culvert construction at NE 21st Street and Valley Creek until 2016 • Adds a maintenance easement on property located between NE 21st Street and NE 20th Street, 14070 NE 20th Street in 2015 • Design for a replacement culvert at NE 20th Street in 2017 • Adds \$658,554 to the project budget
Black Diamond		DEFERRING	DEFERRING
Bothell	\$10,000 \$54,985	DEFERRING	DEFERRING
Burien	\$65,669	Flow Control for localized flooding in Burien	Hydrologic & Hydraulic analysis of the sub-basin that suffers from localized flooding. The study will also include design of a new retention/detention system.
Carnation		City of Carnation Stormwater Facility Inventory	Conduct an inventory of existing stormwater facilities that are located within city rights-of-way to support better maintenance of these facilities, thereby reducing flooding that occurs during storm events.
Clyde Hill	\$27,297	Miscellaneous Project Retrofits	This is a continuation of an ongoing project started in 2014.
Covington	\$26,349	Timberlane/Jenkins Park Stormwater Retrofit Project	This project will renew and repair pipes that are part of the stormwater system flowing Lake Washington. The project includes the replacement or repair of damaged stormwater pipes that have required costly maintenance operations in order to keep stormwater flowing properly. Deficiencies include root intrusion, cracks and holes that affect capacity. Repairs include new liner or replace pipes primarily in areas prone to flooding properties due to plugged lines and pipe failures. This project was recognized in the Storm Water Management Plan (November 1992) that recommends ongoing replacement of pipes with root intrusion and defects.
Des Moines	\$36,501	Lower Massey Creek Channel Modification Project	Flood reduction by widening 400 feet of channel, construction of a 200 foot sheet pile wall, construction of a 180 foot long earthen berm, and installation of a pump station.
Duval		Parkwood Pond Retrofit	This project will retrofit an existing pond by adding storage and water quality components. The retrofit will require a full reconstruction of the facility and addition of bio-filtration swales to improve water quality at the pond outlet.
Enumclaw	\$14,887	DEFERRING	DEFERRING
Federal Way	\$117,856	Comprehensive Stormwater Management Plan	DEFERRING
Hunts Point	\$12,925	Comprehensive Stormwater Management Plan	DEFERRING
Issaquah	\$99,401	NW Dogwood Street Bridge Replacement	The City of Issaquah proposes to replace the 26-foot-wide by 70-foot-long NW Dogwood Street Bridge with a new 48-foot-wide by 95-foot-long bridge. The existing bridge is structurally deficient and functionally obsolete. It is also creates a significant blockage to floodwaters during major floods, causing upstream flood damage and closure of the roadway.
Kenmore		DEFERRING	DEFERRING
Kent	\$45,650 \$189,028	Upper Mill Creek Dam Improvements	The Upper Mill Creek dam is a critical stormwater flood storage facility located on the east hill of Kent. The stormwater facility provides approximately 90-acre-feet of flood storage to protect downstream areas in the Kent Valley from flooding. Improvements to the site include modifications to the dam's outlet pipes and spillway to meet standards, and raising the height of the dam by 5.5-feet to provide 50-acre-feet of additional flood storage within the dam's reservoir.

Jurisdiction	Opportunity Fund Allocation	Project Name	Project Description
King County	\$507,360	- Fairwood Park Division 4 Stormwater Improvement (Pipe Repair) - Fairwood Park Division 11 Pipe Repair (DR0516 and D91355)	Fairwood Park Division 4 Stormwater Improvement (Pipe Repair): The King County Stormwater Services (SWS) Section proposes to repair a 100 foot pipe segment of a 1470 foot conveyance system through which Molasses Creek flows. The pipe segment is severely deteriorated and deformed. The pipe segment is 17 feet deep and composed of corrugated metal pipe (cmp). Fairwood Park Division 11 Pipe Repair (DR0516 and D91355): The King County Stormwater Services (SWS) Section proposes to modify regional stormwater facility DR0516 and detention facility D91355 as a result of a rusted out pipe segment of DR0516. The pipe is composed of corrugated metal pipe (cmp) that has exceeded its lifespan.
Kirkland	\$256,930	- Juanita Creek Inundation Mapping - NE 129th Place/Juanita Creek Rockery Replacement	Juanita Creek Inundation Mapping Develop map of areas inundated by the 25, 50, and 100-year flood events for the Juanita Creek System. Map will be used to assist residents in preparing for flooding, in regulating development adjacent to the creek, and in identifying areas where flood storage could be increased. NE 129th Place/Juanita Creek Rockery Replacement This Project will replace a failing Juanita Creek steam bank rockery that protects the NE 129th Place street embankment from scouring and slope destabilization during flood events. This rockery has repeatedly failed during periods of moderate flooding. The rockery will be replaced with an engineered retaining wall designed to support the embankment and resist damage from flooding.
Lake Forest Park	\$31,924	DEFERRING	DEFERRING
Maple Valley	\$38,119	DEFERRING	DEFERRING
Medina	\$45,204	Medina Park Stormwater Pond Improvements	Install an outlet control device in the upper pond and excavate both ponds by remove organic sediment to increase stormwater runoff storage volume to minimize downstream flooding while improving the ponds water quality.
Mercer Island	\$145,843	DEFERRING	DEFERRING
Milton	\$10,000	DEFERRING	DEFERRING
Newcastle	\$31,911	DEFERRING	DEFERRING
Normandy Park	\$17,638	Stormwater Management Control Program Asset Management Phase 3	Phase 3 Storm water Management Control Program Asset Management will fund an additional 6 months of work to: - Identify stormwater conveyance system, System Inspection facilities - Map existing conditions into GIS data base - Identify operation & maintenance needs - Identify capital improvement needs - Complete reports - Develop/prioritize operation and maintenance needs - Develop a preliminary prioritization of capital improvement needs for the total stormwater conveyance system
North Bend	\$13,337	Ribbary Creek Flooding Mitigation, Phase 1	Enlarge and restore approximately 1,700 linear feet of stream channel on Ribbary Creek. The south portion of this project is in the City's 2013 Stormwater Comp. Plan. The north portion of this project floods every few years with approximately one foot of water across a state highway as well as parking lots of adjacent businesses. This request will fund a feasibility study and preliminary engineering.
Pacific	\$10,000	DEFERRING	DEFERRING
Redmond	\$201,802	159th Avenue Tosh Watershed Flow Control	Replace an underperforming stormwater vault (-0.1 Ac-Ft) with a larger facility (-2 Ac-Ft) to control flows in Tosh Creek in Redmond.
Renton	\$172,274	Lower Cedar River Levees Recertification	Proposes to amend its 2014 project. The City of Renton is the local sponsor for the Army Corps of Engineers Lower Cedar River Section 205 Flood Hazard Reduction Project and seeks accreditation of flood zones for the purposes of flood insurance. The City will prepare the re-certification documentation and data required by federal regulations. The City wishes to amend the 2014 Scope of Work in order to increase the SROF share of this project by adding the 2015 allocation to the 2014 allocation.
Sammamish	\$153,495	DEFERRING	DEFERRING
SeaTac	\$38,025	24th Ave Storm System Replacement	Replace the failing portions of the City's stormwater system (12" corrugated metal pipe) in 24th Ave South between S 142 Street and S 154th Street.

Jurisdiction	Opportunity Fund Allocation	Project Name	Project Description
Seattle	\$2,056,088	Liton Springs Flood Reduction Project This project will significantly reduce localized flooding near Liton Springs Park in the vicinity of Woodlawn Ave N between N 95th St and N 92nd St by removing a bottleneck in the drainage system. The improvements consist of (1) inlet modifications to increase capacity and reduce the frequency of clogging and (2) adding capacity to the drainage system along Woodlawn Ave N between N 95th St and N 92nd St. Lower Taylor Creek Restoration Project Proposed project will restore stream and shoreline habitat, provide adequate fish passage, increase stream capacity, and address localized flooding. This phase of the project will include: 1) An options Analysis, 2)examination of sediment deposition at the creek, 3) evaluate options for a creating publicly accessible open park space in an area where public access to the shoreline is limited. Liton Springs Flood Reduction Project Lower Taylor Creek Restoration Project 14th & Concord CSS Improvements SROF	
Shoreline	\$106,814	2015 Stormwater Pipe Repair and Replacement	The Stormwater Pipe Repair and Replacement Program is a multi-year program to repair and replace failing stormwater pipes as identified via video condition assessments conducted in association with basin planning.
Skylomish	\$10,000	DEFERRING	DEFERRING
Snoqualmie	\$27,609	DEFERRING	DEFERRING
Tukwila	\$63,673	Phase 1 - Tukwila 205 Levee Certification	Hire a consultant to perform Phase 1 of a certification study for the Tukwila 205 Levee System.
Woodinville	\$40,198	DEFERRING	DEFERRING
Yarrow Point	\$13,720	NE 42nd Street Storm Drainage Improvements	Upsize 135LF of stormwater pipe from 12" to 24"

Deferrals
Projects

\$809,822
\$4,588,369

King County Flood Control District

2015 Reallocation of Annual District Oversight Budget

Attachment F

13-Jul-15

	2015 Adopted	2015 Reallocation	2015 Revised
Management & Support	\$273,182	(\$15,245)	\$257,937
Rent and Equipment	\$10,927	(\$10,927)	\$0
Legal Services	\$89,604		\$89,604
Accounting	\$82,400		\$82,400
State Auditor	\$16,391		\$16,391
Other Professional Services	\$75,750	\$29,250	\$105,000
Expenses	\$16,391		\$16,391
Insurance	\$79,568		\$79,568
Total	\$644,213	\$3,078	\$647,291