

King County Flood Control District

2015 Subregional Opportunity Fund Allocations

Attachment G

10-24-14

Jurisdiction	Opportunity Fund Allocation	Project Name	Project Description
Algona	\$10,000	DEFERRING	DEFERRING
Auburn	\$92,995	DEFERRING	DEFERRING
Beaux Arts	\$10,000	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 21st 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: <ul style="list-style-type: none"> • 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	\$10,000	DEFERRING	DEFERRING
Bothell	\$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	\$10,000	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 Clyde Hill 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 190 foot long earthen berm, and installation of a pump station.
Duvall	\$12,909	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	DEFERRING	DEFERRING
Hunts Point	\$12,925	Comprehensive Stormwater Management Plan	Develop a Comprehensive Stormwater Management Plan to identify priority capital improvement projects related to stormwater infrastructure.
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	\$45,650	DEFERRING	
Kent	\$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.

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King County	\$507,360	<ul style="list-style-type: none"> Fairwood Park Division 4 Stormwater Improvement (Pipe Repair) Fairwood Park Division 11 Pipe Repair (DR0516 and D91355) 	<p>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).</p> <p>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.</p>
Kirkland	\$256,930	<ul style="list-style-type: none"> Juanita Creek Inundation Mapping NE 129th Place/Juanita Creek Rockery Replacement 	<p>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.</p> <p>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.</p>
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: <ul style="list-style-type: none"> 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	Ribrary Creek Flooding Mitigation, Phase 1	Enlarge and restore approximately 1,700 lineal feet of stream channel on Ribrary 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 Levee 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.

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Seattle	\$2,056,088	<ul style="list-style-type: none"> • Licton Springs Flood Reduction Project • Lower Taylor Creek Restoration Project • 14th & Concord CSS Improvements SROF 	<p>Licton Springs Flood Reduction Project This project will significantly reduce localized flooding near Licton 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.</p> <p>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.</p> <p>14th & Concord CSS Improvements SROF Description of 2013 project: The Combined Sewer System is under capacity to manage stormwater runoff in the South Park Neighborhood near 14th Ave S and S Concord St, resulting in repeated flooding of street right-of-way and private properties. Excess stormwater also causes repeat sewer backups. This project will design and construct drainage and wastewater system conveyance and add storage improvements to reduce surface flooding and stormwater-related sewer backups.</p> <p>The FY 2015 request amends this project by an additional \$400,000, thus increasing the FD funding share for this project.</p>
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.
Skykomish	\$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 42 nd Street Storm Drainage Improvements	Upsize 135LF of stormwater pipe from 12" to 24".
City Totals	\$5,399,191		

Deferrals \$809,822
Projects \$4,589,369