

King County Regional Flood Control Zone District Advisory Committee

Preliminary Draft: Sequenced Capital Project List

Ref #	Project Name	Project Description and Purpose	What Phase will be Completed during Start Year? (see note #6)	Basin	Project Start Year	Project End Year	Priority Score (Out of 38 Possible)	Total Lifetime Project Cost (2006 Dollars)
2008 Capital Projects								
1	Segale Levee #1 (Includes Flood Damage Repair)	Rehabilitate levees to reduce the flood risk to protect critical public facilities (e.g. S 180th and Southcenter Pkwy) and major commercial areas in the City of Tukwila	Feasibility and Design	Green	2008	2011	37	\$1,913,000
2	<i>Alaskan Way Seawall Replacement Feasibility Study</i>	Feasibility and design analysis for the seawall replacement. Purpose of replacement is to protect transportation, utilities, and private infrastructure	Feasibility	Green	2008	2009	33	\$2,000,000
3	Briscoe Levee #4 (includes Flood Damage Repair)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial areas in Kent and Renton.	Complete Construction; Begin Monitoring and Maintenance	Green	2008	2008	33	\$1,135,000
4	Cedar River Flood Damage Repairs	Complete five Cedar River flood protection facility repair projects to protect critical public facilities.	Construction	Cedar-Samm	2008	2009	32	\$1,200,000
5	Middle Fork Snoqualmie River Flood Damage Repairs	Complete two Middle Fork Snoqualmie flood protection facility repair projects to protect residential area.	Construction	Snoqualmie	2008	2009	32	\$600,000
6	Boeing Setback Levee (includes Flood Damage Repairs)	Stabilize riverbanks, by creating a midslope bench and reconstructing the lower embankment slopes and levee toe to protect critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial area.	Feasibility and Design	Green	2008	2010	31	\$9,085,000
7	Lower Snoqualmie River Flood Damage Repairs	Complete 23 Lower Snoqualmie River flood protection facility repair projects.	Feasibility and Design	Snoqualmie	2008	2009	31	\$6,750,000
8	Nursing Home Levee (includes Flood Damage Repairs)	Rehabilitate levees to reduce the risk of flooding in the urban residential areas of Kent and Renton	Feasibility, Design, and Permitting	Green	2008	2010	31	\$2,438,000
9	South Fork Snoqualmie Flood Damage Repairs	Complete 16 South Fork Snoqualmie River flood protection facility repair projects to protect major public infrastructure and commercial and residential area	Construction	Snoqualmie	2008	2009	31	\$5,727,000
10	South Fork Levee System Improvements	Rebuild and strengthen selected portions of the existing levee system to maintain current preferential protection of the more heavily developed parts of the City of North Bend.	Project Identification and Feasibility	Snoqualmie	2008	2012	30	\$5,039,000
11	Cedar Grove Mobile Home Park Acquisition	Purchase homes and property, and relocate residents that are subject to extreme flooding.	Feasibility and Design	Cedar-Samm	2008	2009	29	\$4,349,000
12	Myer's Golf Levee (including Flood Damage)	Rehabilitate levees to reduce the risk of flooding to protect critical public infrastructure and residences in the Cities of Kent and Renton.	Feasibility, Design, and Permitting	Green	2008	2010	29	\$4,967,000
13	Raging River Flood Damage Repairs	Complete 12 Raging River flood protection facility repair projects to protect residential areas	Construction	Snoqualmie	2008	2009	29	\$1,800,000
14	Aldair Buyout	Purchase and remove existing homes from low-lying ground immediately behind the deteriorating Aldair levee.	Feasibility - Landowner Willingness	Snoqualmie	2008	2010	28	\$2,299,000
15	Alpine Manor Mobile Home Park Neighborhood Buyout	Purchase and remove homes, and relocate residents at risk from flooding and severe channel migration.	Acquisition	Snoqualmie	2008	2010	28	\$5,596,000
16	Cedar River Repetitive Loss Mitigation	Purchase or elevate nine repetitive loss properties to mitigate flood risks.	Acquisition or Floodproofing	Cedar-Samm	2008	2008	28	\$2,811,000
17	North Bend Area Residential Flood Mitigation	Reduce flood risks to homes in the North Bend area. Initially focus on five unmitigated repetitive loss properties and surrounding areas.	Feasibility and Design	Snoqualmie	2008	2012	28	\$4,827,000
18	Tolt River Flood Damage Repairs	Complete two Tolt River flood protection facility repair projects to protect critical public facilities (e.g. Tolt River Rd)	Construction	Snoqualmie	2008	2009	28	\$375,000
19	<i>Tolt River Supplemental Study</i>	Feasibility study on cumulative impacts of Lower Tolt Acquisition, Tolt River SR 203 to Trail Bridge Floodplain Reconnection, Tolt River Mile 1.1 Levee Setback, and Tolt River Mouth to SR 203 Levee Setback	Feasibility	Snoqualmie	2008	2008	28	\$100,000
20	Red Creek Acquisitions	Remove homes subject to flooding and channel migration hazards.	Feasibility - Landowner Willingness	White	2008	2009	27	\$735,000
21	Issaquah Creek Streambank Stabilization	Stabilize river bank at three sites along Issaquah Creek where roads and other infrastructure are at risk from erosion.	Feasibility and Design	Cedar-Samm	2008	2010	26	\$519,000
22	Elliott Bridge Levee Setback and Acquisition	Complete hazard mitigation projects (buyouts, levee setback, etc) for repetitive loss reach currently constrained by armored banks that do not offer adequate flood risk reduction in a residential area.	Acquisition	Cedar-Samm	2008	2011	25	\$1,821,000
23	Miller River Home Buyout	Purchase and remove homes at risk from flood hazards.	Acquisition	SF Skykomish	2008	2008	25	\$683,000
24	Neal Road Relocation	Relocate the north end of Neal Road away from eroding riverbank. Road is currently closed due to subgrade damage, limiting emergency access to frequently flooded farms.	Construction	Snoqualmie	2008	2008	25	\$1,450,000
25	White-Greenwater Acquisition	Purchase and remove homes subject to flooding and erosion hazards.	Feasibility - Landowner Willingness	White	2008	2009	25	\$785,000
26	Cedar Rapids Levee Setback	Provide local match for \$1.5 million Salmon Recovery Funding Board grant to set back levee and improve flood conveyance and capacity.	Feasibility and Design	Cedar-Samm	2008	2008	24	\$137,000
27	Rainbow Bend Levee Setback and Floodplain Reconnection	Setback levee to improve conveyance and floodplain capacity to protect critical public facilities (SR 169 and the Cedar River trail).	Feasibility and Design	Cedar-Samm	2008	2011	24	\$1,733,000
28	County line to A-Street Flood Conveyance Improvement	Reduce flood-related risk to residential area by purchasing flood-prone property and providing conveyance through an existing levee into adjacent floodplain and wetlands.	Feasibility and Design	White	2008	2010	22	\$1,193,000
29	Willowmoor Floodplain Restoration	Reconfigure the outlet of Lake Sammamish to improve conveyance and reduce flooding problems for residences around the lake.	Design	Cedar-Samm	2008	2010	22	\$2,944,000
30	Green River 2006 Flood Damage Repairs Phase 2	Complete 13 flood protection facility repair projects to protect commercial area throughout lower Green River.	Feasibility, Design, and Permitting	Green	2008	2009	20	\$7,740,000
31	Upper Snoqualmie River 2006 Flood Damage Repairs	Complete one Upper Snoqualmie Mainstem River flood protection facility repair project to protect residential area	Design	Snoqualmie	2008	2009	14	\$225,000
32	White River Flood Damage Repair at Stuck River Drive	Replace 300 feet of eroded revetment with biostabilized riverbank.	Feasibility and Design	White	2008	2009	14	\$300,000
2009 Capital Projects								

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33	Desimone Levee #3 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy and S 180th) and major commercial areas in Kent and Renton.	Feasibility and Design	Green	2009	2011	31	\$650,000
34	Narita Levee (including Flood Damage Repairs)	Rehabilitate levees to reduce the risk of flooding to protect critical public infrastructure (state highway and city streets) and residences in Kent and Renton.	Feasibility, Design, and Permitting	Green	2009	2011	31	\$1,913,000
35	Briscoe Levee #1-#3, #5-#8 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial areas in Kent and Renton.	Feasibility, Design, Permitting, and Construction	Green	2009	2013	30	\$14,970,000
36	Kent Shops Levee (includes Flood Damage Repairs)	Rehabilitate levees to reduce the risk of flooding to protect critical public infrastructure (state highway and city streets) and residences in Kent and Renton.	Feasibility and Design	Green	2009	2012	30	\$3,596,000
37	Middle Fork Levee System Capacity Improvements	Remove levee segments to reduce channel constrictions which hinder flood conveyance.	Project Identification and Feasibility	Snoqualmie	2009	2011	29	\$2,831,000
38	Issaquah Creek Repetitive Loss Mitigation	Elevate two repetitive loss residential properties to mitigate flood risks	Acquisition or Floodproofing	Cedar-Samm	2009	2010	28	\$132,000
39	Tolt River Road Shoulder Protection	Stabilize the Tolt River Road to protect the road from active channel migration.	Planning and Project Identification	Snoqualmie	2009	2010	28	\$385,000
40	<i>Clough Creek Outfall to South Fork Snoqualmie River</i>	The outfall pipe is to be replaced with a larger sized culvert and backflow preventer. This work should be included as part of the South Fork Levee System Improvements project for the Upper Snoqualmie River.	Project Identification	<i>Snoqualmie</i>	2009	2010	27	<i>\$250,000</i>
41	Miller River Road Protection	Supplement and extend the existing log crib that helps to direct flow under the Miller River bridge, protecting critical public infrastructure (Old Cascade Hwy)	Design	SF Skykomish	2009	2010	27	\$96,000
42	Riverside Estates/Reddington (includes Flood Damage Repairs)	Remove or otherwise modify existing levee to increase floodplain capacity, protecting residential area in the City of Auburn	Feasibility and Design	Green	2009	2011	26	\$2,387,000
2010 Capital Projects								
43	Tolt Pipeline Protection	Stabilize riverbank using engineered logjams to protect Tolt water supply line (critical public facility)	Feasibility and Design	Snoqualmie	2010	2012	32	\$2,367,000
44	San Souci Neighborhood Buyout	Purchase and remove homes in high flood and erosion hazard area.	Feasibility- Landowner Willingness	Snoqualmie	2010	2011	31	\$2,003,000
45	Segale Levee #4 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to protect critical public facilities (e.g. S 180th and Southcenter Pkwy) and major commercial areas in the City of Tukwila	Feasibility and Design	Green	2010	2012	31	\$1,913,000
46	City of Snoqualmie Natural Area Acquisitions	Purchase and remove flood prone property and structure.	Feasibility - Landowner Willingness	Snoqualmie	2010	2010	30	\$188,000
47	Desimone Levee #4 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial areas in Kent and Renton.	Feasibility and Design	Green	2010	2012	30	\$3,491,000
48	Desimone Levee #1 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial areas in Kent and Renton.	Feasibility and Design	Green	2010	2012	29	\$860,000
49	Desimone Levee #2 (includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to critical public facilities (e.g. major arterials such as the W. Valley Hwy) and major commercial areas in Kent and Renton.	Feasibility and Design	Green	2010	2012	29	\$1,071,000
50	<i>Kimball Creek and Snoqualmie Basin</i>	Re-channeling of the Kimball Creek channel in the reach between SE 384 th and Meadowbrook Way to protect residential area	Design and Permitting	<i>Snoqualmie</i>	2010	2011	26	<i>\$500,000</i>
51	<i>South Park - Duwamish Backwater Inundation at 4th and Trenton Storm Drain</i>	Reduce flooding from Duwamish backwater inundation in the 7 th Ave S drainage basin to protect critical public infrastructure	Feasibility	<i>Green</i>	2010	2011	25	<i>\$4,500,000</i>
2011 Capital Projects								
52	Segale Levee #2 & #3 (Includes Flood Damage Repairs)	Rehabilitate levees to reduce the flood risk to protect critical public facilities (e.g. S 180th and Southcenter Pkwy) and major commercial areas in the City of Tukwila	Feasibility and Design	Green	2011	2013	32	\$4,782,000
53	Cedar River Gravel Removal	Periodic gravel removal from the lower Cedar River to maintain 100-year flood protection for critical public facilities in the City of Renton.	Feasibility	Cedar-Samm	2011	2011	29	\$4,827,000
54	<i>Issaquah FCZD Proj 2 - Issaquah Creek Area Elevations and Floodproofing</i>	Provide assistance to repetitive loss single family structures within the Issaquah Creek floodplain to elevate and/or floodproof structures to current floodplain standards.	Feasibility	<i>Cedar-Samm</i>	2011	2011	28	<i>\$400,000</i>
55	Timber Lane Village Home Flood Buyouts	Purchase and remove homes and property in this neighborhood which is subject to extreme flooding.	Planning and Project Identification	SF Skykomish	2011	2013	27	\$800,000
56	McElhoe/Person Levee	Remove or set back part of levee to increase flood storage and conveyance and protect residential areas	Project Identification and Feasibility	Snoqualmie	2011	2013	26	\$1,149,000
57	Lower Lions Club	Purchase and remove flood-prone homes, including two repetitive loss properties.	Feasibility and Design	Cedar-Samm	2011	2013	25	\$1,050,000
58	Gunter Levee Setback	Rehabilitate levees to reduce the flood risk to critical public facilities in the City of Tukwila	Feasibility and Design	Green	2011	2013	24	\$5,409,000
59	Herzman Levee Setback & Floodplain Reconnection	Setback levee to reduce erosive forces of the river on critical public facilities (the Cedar River Trail and SR-169)	Feasibility and Design	Cedar-Samm	2011	2014	24	\$1,023,000
60	Jan Road-Rutledge Johnson Levee Setbacks	Remove portions of levees that only protect open space. Segments of existing levees constrict conveyance and direct erosive flood flows into critical public infrastructure (the Cedar River Trail and SR-169.)	Construction	Cedar-Samm	2011	2014	24	\$955,000
61	Russell Road #2	Rehabilitate levees to reduce the risk of flooding to protect residential area in the Cities of Kent and Renton	Feasibility and Design	Green	2011	2013	24	\$9,085,000
62	Russell Road #3	Rehabilitate levees to reduce the risk of flooding to protect residential area in the Cities of Kent and Renton	Feasibility and Design	Green	2011	2013	24	\$472,000
2012 Capital Projects								

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63	Maplewood Acquisition and Levee Setback	Purchase flood prone homes at risk of landslide and rapid channel change	Project Identification and Feasibility	Cedar-Samm	2012	2015	27	\$9,016,000
64	Abandoned Bridge Abutment and Waring Revetment Channel Constriction	Remove channel constriction at old bridge site.	Planning and Project Identification	Snoqualmie	2012	2013	26	\$100,000
65	Orchard Grove	Purchase flood-prone homes in the Orchard Grove and, where possible, setback or remove levee to protect downstream residential area	Feasibility and Design	Cedar-Samm	2012	2014	26	\$3,837,000
66	Lower Jones Road Setback	Purchase the homes and property and set back road and associated revetment to improve conveyance and capacity and protect public infrastructure	Feasibility and Design	Cedar-Samm	2012	2015	25	\$4,408,000
67	Tolt River SR 203 to Trail Bridge Floodplain Reconnection	Set back the existing levee within Tolt River - John MacDonald Park to increase flood storage and conveyance	Planning and Project Identification	Snoqualmie	2012	2016	23	\$4,585,000
68	Rhode Levee Setback and Home Buyouts	Purchase homes along path of fastest, deepest flood flow and set back levee. Protects SR 169 and Cedar River trail	Feasibility and Design	Cedar-Samm	2012	2015	21	\$3,518,000
69	Stout Property Restoration	Stabilize bank with native vegetation to protect agricultural lands.	Construction	Snoqualmie	2012	2012	21	\$128,000
2013 Capital Projects								
70	<i>SR202 Bridge Lengthening on South Fork Snoqualmie River</i>	The south side of the bridge could be extended with the south abutment changed to a pier and a new abutment installed further south. This would allow for more channel width and cross-sectional flow area for the river.	Planning	<i>Snoqualmie</i>	2013	2014	29	<i>\$3,000,000</i>
71	Lower Tolt River Acquisition	Purchase floodway property to avoid damage in flood prone residential area.	Feasibility - Landowner Willingness	Snoqualmie	2013	2014	28	\$884,000
72	Tolt River Repetitive Loss Mitigation	Elevate or otherwise mitigate flood risks to repetitive two repetitive loss properties.	Planning and Project Identification	Snoqualmie	2013	2014	28	\$132,000
73	Riverbend Mobile Home Park Acquisition and Levee Setback	Purchase property underlying only 19 most at risk mobile homes and relocate residents, recontour existing revetment to reduce erosion, flood damage and improve flood conveyance. Alternatively, purchase all property and remove all mobile homes and the revetment. Increased conveyance protects SR-169 and Cedar River Trail.	Feasibility and Design	Cedar-Samm	2013	2017	26	\$6,525,000
74	Tolt River Mile 1.1 Levee Setback	Purchase 16 flood-prone parcels and setback levee to improve conveyance in the vicinity of the Snoqualmie Trail bridge.	Planning and Project Identification	Snoqualmie	2013	2017	23	\$5,677,000
75	3rd Place and Pacific City Park Revetment Retrofit	Rehabilitate failing concrete slab revetment by replacing with bioengineered flood protection facility.	Design	White	2013	2017	21	\$6,447,000
76	Russell Road #1	Set road back from river and reconstruct lower bank using current design and construction methods to protect major commercial area	Feasibility and Design	Green	2013	2015	21	\$9,085,000
2014 Capital Projects								
77	<i>City of Snoqualmie Property Acquisition and Residential Flood Mitigation</i>	<i>Purchase repetitive loss properties along the left bank of the Snoqualmie River.</i>	<i>Feasibility</i>	<i>Snoqualmie</i>	2014	2015	34	<i>\$4,600,000</i>
78	Dorre Don Meanders Phase 1	Purchase flood-prone properties in lower Dorre Don area and, where possible, modify levees to improve flood conveyance and protect residential area	Feasibility - Landowner Willingness	Cedar-Samm	2014	2016	30	\$7,500,000
79	S.F. Skykomish River Repetitive Loss Mitigation	Purchase or otherwise mitigate flood risks to seven repetitive loss properties to protect residential area	Planning and Project Identification	SF Skykomish	2014	2014	28	\$1,059,000
80	Gaco Western	Set back existing levees to improve flood storage and conveyance and protect a major commercial area in City of Tukwila	Feasibility and Design	Green	2014	2016	26	\$1,913,000
81	Tolt River Natural Area Floodplain Reconnection/Acquisition	Purchase two homes that are at risk from flood damages and reconfigure the downstream end of the Edenholm levee to improve flood conveyance	Planning and Project Identification	Snoqualmie	2014	2016	26	\$4,853,000
82	<i>Maloney Creek Confluence Improvements</i>	<i>Skykomish Levee enclosure and Channel improvements to protect residential area</i>	<i>Planning and Project Identification</i>	<i>SF Skykomish</i>	2014	2016	24	<i>\$1,000,000</i>
83	Middle Green River Acquisition	Purchase at-risk home and associated property.	Feasibility - Landowner Willingness	Green	2014	2014	22	\$1,204,000
84	<i>Renton- Cedar River Bridge Flood Reduction Project</i>	<i>Reconstruct one of five bridges to an elevation above the new floodplain (protects major public infrastructure).</i>	<i>Project Identification and Feasibility</i>	<i>Cedar-Samm</i>	2014	2014	25	<i>\$500,000</i>
2015 Capital Projects								
85	Timber Lane Village Home Erosion Buyouts	Purchase homes and property in this neighborhood which is subject to extreme erosion.	Planning and Project Identification	SF Skykomish	2015	2016	29	\$3,367,000
86	<i>Bellevue - Lower Coal Creek Phase 1</i>	<i>Increase the storage capacity of the regional pond while maintaining fish passage to effectively reduce flow rates to protect private property and maintain stream channel capacity.</i>	<i>Feasibility</i>	<i>Cedar-Samm</i>	2015	2017	27	<i>\$12,500,000</i>
87	<i>Issaquah FCZD Proj 3 - Gilman Square Floodproofing</i>	<i>Provide assistance to up to six commercial buildings within the Gilman Repetitive Loss Area to elevate and/or flood proof structures to current floodplain standards.</i>	<i>Feasibility</i>	<i>Cedar-Samm</i>	2015	2016	26	<i>\$250,000</i>
88	Town of Skykomish Home Buyouts	Purchase homes and property in this neighborhood which is subject to flooding from hazardous flood-born debris.	Planning and Project Identification	SF Skykomish	2015	2016	24	\$1,952,000
89	Patterson Creek Acquisition	Purchase property that is being impacted by alluvial fan sediment deposition where a tributary to Patterson Creek enters the floodplain.	Feasibility - Landowner Willingness	Snoqualmie	2015	2015	21	\$598,000
2016 Capital Projects								
90	<i>Bellevue -Richards/Sunset Creek</i>	<i>Acquire and remove commercial properties where creeks converge; stabilize DNRP sewer line</i>	<i>Project Identification and Feasibility</i>	<i>Cedar-Samm</i>	2016	2017	20	<i>\$7,800,000</i>
2017 Capital Projects								

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91	Lower Snoqualmie River Repetitive Loss Mitigation	Purchase and remove structure, or otherwise mitigate flood risks to ten repetitive loss properties.	Planning and Project Identification	Snoqualmie	2017	2017	28	\$660,000
Post-2017 Capital Projects								
92	<i>Bellevue - Lower Coal Creek Phase 2</i>	Levee construction and culvert improvements through the Newport Shores reach.	Project Identification and Feasibility	<i>Cedar-Samm</i>	post 2017	post 2017	27	<i>\$9,400,000</i>
93	Dorre Don Meanders Phase 2	Purchase flood-prone properties in lower Dorre Don area and, where possible, modify levees to improve flood conveyance and protect residential area	Project Identification and Feasibility	Cedar-Samm	post-2017	post-2017	30	\$7,000,000
94	<i>Renton- Cedar River Bridge Flood Reduction Project</i>	Reconstruct 4 remaining bridges to an elevation above the new floodplain (protects major public infrastructure).	Project Identification and Feasibility	<i>Cedar-Samm</i>	post-2017	post-2017	25	<i>\$500,000</i>
95	Lower Raging River Restoration	Setback levee system to improve flood conveyance through Fall City and protect critical public facilities	Planning and Project Identification	Snoqualmie	post-2017	post-2017	21	\$3,729,000
96	Deer Creek Channel Relocation	Relocate creek away from a farm road and two farm buildings.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	20	\$190,000
97	Fort Dent Levee	Set back existing levees to improve flood storage and conveyance and protect a major commercial area in City of Tukwila	Feasibility and Design	Green	post-2017	post-2017	20	\$2,779,000
98	SE 19th Way Road Buyout	Purchase farm which is at risk of being isolated by bank erosion.	Feasibility and Design	Snoqualmie	post-2017	post-2017	20	\$1,772,000
99	Snoqualmie River Byers Floodplain and Riparian Restoration	Install drift fence to reduce erosion of agricultural property.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	20	\$153,000
100	Getchman Levee Setback and Floodplain Reconnection	Setback the levee to improve conveyance and capacity and protect residential area	Feasibility and Design	Cedar-Samm	post-2017	post-2017	19	\$2,670,000
101	Lower Mill Creek to Lower Mullen Slough	Rehabilitate steep, eroding levees and revetments and increase floodplain capacity to protect major commercial area	Feasibility and Design	Green	post-2017	post-2017	19	\$5,002,000
102	<i>Renton- Riviera Apartments Setback Levee</i>	Construct a setback levee to protect multi-family residential building	Project Identification and Feasibility	<i>Cedar-Samm</i>	post-2017	post-2017	19	<i>\$2,500,000</i>
103	WPA Levee Setback and Acquisition	Purchase homes in floodway and floodplain. Setback or remove levee.	Feasibility and Design	Cedar-Samm	post-2017	post-2017	19	\$1,821,000
104	Gilliam Creek	Replace a 9-foot diameter flapgate that does not operate properly. Protects commercial area.	Feasibility and Design	Green	post-2017	post-2017	18	\$871,000
105	<i>Renton- Carco Theater</i>	Construct a setback levee to and modify storm systems to protect public building	Feasibility	<i>Cedar-Samm</i>	post-2017	post-2017	18	<i>\$500,000</i>
106	Sandy Cove Park Restoration	Stabilize bank to protect public park.	Feasibility	Snoqualmie	post-2017	post-2017	18	\$647,000
107	Snoqualmie River Bank Stabilization Agriculture Lands	Stabilize bank with native vegetation to protect agricultural lands.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	18	\$128,000
108	<i>Renton-Old City Hall flood protection project</i>	Construct a setback levee to protect the building from damages and modify storm systems that surcharge during flood events to prevent surcharging back into the building.	Feasibility	<i>Cedar-Samm</i>	post-2017	post-2017	17	<i>\$750,000</i>
109	Sammamish River Bank Stabilization	Setback river banks to increase structural integrity and increase conveyance from Lake Sammamish	Feasibility and Design	Cedar-Samm	post-2017	post-2017	17	\$3,299,000
110	Snoqualmie River Fall City Reach Reconnection and Acquisition	Reconnect adjacent floodplain to improve flood conveyance and storage and protect agricultural area	Planning and Project Identification	Snoqualmie	post-2017	post-2017	17	\$4,909,000
111	White River 2006 Flood Damage Repair at Pacific Park Levee	Stabilize 75 feet of riverbank and enhance existing buffer with erosion resistant plantings to protect residential area	Project Concept - Work with City to assess risk and define project	White	post-2017	post-2017	17	\$75,000
112	Horsehead Bend	Rehabilitate and stabilize eroding riverbank to protect agricultural area	Feasibility and Design	Green	post-2017	post-2017	16	\$1,448,000
113	<i>Issaquah FCZD Proj 6 - Squak Valley Park Levee Removal</i>	Partial or full levee removal in Squak Valley Park in agricultural area.	Feasibility	<i>Cedar-Samm</i>	post-2017	post-2017	16	<i>\$800,000</i>
114	Littlefield-Cummins-Belmondo	Purchase homes located in the floodplain and in the severe channel migration hazard area.	Project Concept and Acquisition	Cedar-Samm	post-2017	post-2017	16	\$5,181,000
115	Lower Snoqualmie Floodplain Capacity and Shoreline Stabilization	Reconnect the river with its floodplain and increase floodplain capacity. Stabilize the shoreline with native vegetation.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	16	\$97,000
116	Upper Jones Road Acquisition and Revetment Setback	Purchase homes behind the upstream end of the Scott-Indian levee and set back the levee to increase flood storage and conveyance	Feasibility	Cedar-Samm	post-2017	post-2017	16	\$3,837,000
117	Brassfield Revetment Setback and Acquisition	Complete hazard mitigation projects (buyouts, levee setback, etc) in reach currently constrained by levees on both banks.	Feasibility	Cedar-Samm	post-2017	post-2017	15	\$1,821,000
118	Hamakami Levee	Setback existing levees to improve flood storage and conveyance in agricultural area.	Feasibility and Design	Green	post-2017	post-2017	15	\$1,290,000
119	HerbCo Farm	Stabilize bank with native vegetation to protect agricultural lands.	Project Identification	Snoqualmie	post-2017	post-2017	15	\$25,000
120	Lone's Levee Setback	Relocate deteriorating levee to edge of agricultural terrace to protect agricultural area	Feasibility and Design	Green	post-2017	post-2017	15	\$1,571,000
121	Neely and Porter Levee Setback	Relocate deteriorating levees to edge of agricultural area and roadway to protect agricultural area	Feasibility and Design	Green	post-2017	post-2017	15	\$2,376,000
122	<i>Tolt River Mouth to SR 203 Floodplain Reconnection Project</i>	See the project description in the Flood Hazard Management Plan	Final Design	<i>Snoqualmie</i>	post-2017	post-2017	15	<i>\$1,000,000</i>
123	Duwamish Revetment	Set back and stabilize existing revetment to protect major commercial area	Feasibility and Design	Green	post-2017	post-2017	14	\$6,282,000
124	Jubilee Farm	Stabilize bank with native vegetation to protect agricultural lands.	Construction	Snoqualmie	post-2017	post-2017	14	\$84,000
125	Northeast Auburn Creek	Improve floodplain capacity and protect agricultural area by restoring tributary access.	Feasibility and Design	Green	post-2017	post-2017	14	\$897,000
126	Horath-Kaech Levee Setback	Relocate deteriorating levee to edge of agricultural area.	Feasibility and Design	Green	post-2017	post-2017	13	\$1,651,000
127	TransCanada Levee Modification	Implement levee modifications to improve flood conveyance.	Feasibility and Design - Landowner Willingness	White	post-2017	post-2017	13	\$1,421,000
128	Turley Levee Setback	Relocate deteriorating levee to edge of agricultural terrace to protect agricultural area	Feasibility and Design	Green	post-2017	post-2017	13	\$1,179,000
129	78th Avenue South	Purchase degraded floodplain properties. Relocate roadway/revetment system landward.	Feasibility and Design	Green	post-2017	post-2017	12	\$6,075,000

King County Regional Flood Control Zone District Advisory Committee

Preliminary Draft: Sequenced Capital Project List

Ref #	Project Name	Project Description and Purpose	What Phase will be Completed during Start Year? (see note #6)	Basin	Project Start Year	Project End Year	Priority Score (Out of 38 Possible)	Total Lifetime Project Cost (2006 Dollars)
130	<i>Issaquah FCZD Proj 1 - Sycamore Vacant Parcel Acquisition</i>	Purchase flood-prone undeveloped residential parcels.	Feasibility	Cedar-Samm	post-2017	post-2017	12	\$675,000
131	Pacific City Park Revetment Repair	Repair damaged concrete revetment to protect city park	Feasibility - Landowner Willingness	White	post-2017	post-2017	11	\$183,000
132	Rosso Nursery	Purchase degraded floodplain properties, excavate floodplain area to increase floodplain capacity and relocate revetment system landward of its current location to protect agricultural area.	Feasibility and Design	Green	post-2017	post-2017	10	\$1,905,000
133	Gonneson Revetment Removal / Acquisition	Purchase land and remove bank armor to allow the Snoqualmie River to migrate laterally along meander bend; protects agricultural land.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	8	\$839,000
134	Pautzke and Fenster Levee Setback	Relocate deteriorating levees to protect passive recreational area and increase flood storage capacity	Feasibility and Design	Green	post-2017	post-2017	8	\$3,399,000
135	Snoqualmie River Footbridge Off Channel Reconnection	Reconnect floodplain for flood storage and to reduce risk of damage to properties on the opposite bank.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	8	\$576,000
136	I-405 Levee	Set back or otherwise modify existing levee to increase floodplain capacity.	Feasibility and Design	Green	post-2017	post-2017	4	\$1,629,000
137	Camp Gilead Off-Channel Reconnection	Remove upstream and of levee to improve flood conveyance.	Feasibility	Snoqualmie	post-2017	post-2017	3	\$316,000
138	Cherry Creek Mouth Restoration	Restore channel to its circa 1960 alignment to create approximately 2000 feet of new channel.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	3	\$897,000
139	Chinook Bend Reach Restoration	Remove levees to allow river to better access to the floodplain. Provide remaining match.	Permitting	Snoqualmie	post-2017	post-2017	3	\$200,000
140	Stillwater Restoration	Remove levees and stabilize banks with native vegetation.	Planning and Project Identification	Snoqualmie	post-2017	post-2017	3	\$1,035,000

Notes:

- Projects will be solicited, evaluated, prioritized, and sequenced annually by the Basin Technical Committees, and reviewed by the Advisory Committee.
- Project costs are planning estimates only for the capital project portion of the proposed work program.
- List includes projects from the 2006 Flood Plan, November 2006 Flood Damage Repairs, and new city submittals, as all were considered to meet the project eligibility criteria. All new capital projects submitted to the BTCs as 'Regional' are included in this list and shaded. New capital projects total \$55 million. New project submittals range in cost from \$100,000 (Carnation - Tolt Supplemental Study) to \$21,900,000 (Bellevue- Coal Creek Phase 1 and 2).
- Projects are sequenced based on Flood Plan policies in Chapter 2 (consequence, urgency, opportunity, and readiness).
- Projects submitted as 'subregional' are included at the end of this list. No call for proposals was issued for this category, and no scoring has been conducted by the BTCs. We have received \$57 million in proposals to date, and expect that this amount would increase substantially if an RFP were issued.
- Changes from the 6/8/07 List: (a) The two Bellevue projects submitted as 'Regional' are included. Coal Creek project sequenced in two phases of \$12.5 million and \$9.4 million based on discussions with Bellevue staff (b) Dorre Don Meanders phased to reduce costs to \$7.5 million in the 10-yr window, remaining acquisition costs of \$7 million assumed in Phase 2. (c) Technical Support for Tolt River Mouth to SR 203 Floodplain Reconnection Project moved to operating costs for 2008. Capital project portion remains on the CIP list. (d) Green River Flood Damage costs adjusted to reflect projects already included in the Flood Plan Specific projects are noted on the list below (e) Snoqualmie Tribe proposal to study flooding impacts of Snoqualmie Falls Dam on the City of Snoqualmie moved to programmatic operating budget
- All projects will be designed and constructed consistent with current engineering standards and practices. Levy certification, if applicable, is a separate process per 44 CFR 65.10.
- Capital Project Implementation Phases include the following: Planning and Risk Assessment, Project Concept and Identification, Feasibility, Design, Permitting, Construction, Monitoring, and Maintenance. Projects may also include an acquisition component.
- For more detailed project descriptions for 2006 Flood Plan projects, please see Chapter 5 and Appendix G of the Plan, available at: <http://dnr.metrokc.gov/wlr/flood/fhmp/#download>

Unranked Projects Submitted as "Subregional" Received as of June 18, 2007

No formal Request for Proposals has been conducted at this time.

'Subregional' category has not been defined and submitted projects have not been reviewed or scored by the Basin Technical Committees.

Project Name	Submitted By:	Request:
Des Moines Project #1 - Des Moines Creek	Des Moines	500,000
Des Moines Project #2 - Massey Creek	Des Moines	365,000
95th St Trunk	Redmond	1,122,000
5050 W. Lake Sammamish Pkwy Culvert Replacement	Redmond	534,000
Evans Creek Relocation	Redmond	1,975,000
Friendly Village	Redmond	110,000
NE 105th St @ 170th Ave NE	Redmond	33,000
North Overlake Conveyance and Detention	Redmond	3,080,000
Oakridge Swale	Redmond	835,500
Upper Braeburn Creek	Redmond	396,000
West Education hill Stream Relocation and Erosion Repair	Redmond	300,000
Willows Business Park at 152nd Ave NE	Redmond	132,000
Willows Creek at Puget Sound Energy Substation	Redmond	913,000
Madison Valley Long Term Solution	Seattle	23,700,000
Madison Valley "sag"	Seattle	None submitted
MLK Way/Norfolk Street Storm Improvements	Seattle	11,600,000
N 125th and Aurora N storm drain	Seattle	9,400,000
Thornton Creek confluence	Seattle	1,700,000
Thornton Creek South Branch	Seattle	700,000
May Creek	UAC	200,000
		57,595,500