

King County Flood Control Zone District Advisory Committee
2008 Adopted Capital Project List and Preliminary 6-Year Capital Project List (2009-2014)

Project Start Year	Project Name	Project Description and Purpose	Basin	Duration (yrs)	Flood Risk Reduction %	Implementation %	Total Lifetime Project Cost (2006 Dollars)
2007	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.	Green	1	87%	N/A	\$369,000
2008	Alaskan Way Seawall Replacement Feasibility Study	Feasibility and design analysis for the seawall replacement. Purpose of replacement is to protect transportation, utilities, and private infrastructure	Green	2	87%	N/A	\$2,000,000
2008	Aldair Buyout	Purchase and remove existing homes from low-lying ground immediately behind the deteriorating Aldair levee.	Snoqualmie	3	68%	N/A	\$2,299,000
2008	Alpine Manor Mobile Home Park Neighborhood Buyout	Purchase and remove homes, and relocate residents at risk from flooding and severe channel migration.	Snoqualmie	3	74%	N/A	\$5,596,000
2008	Cedar Grove Mobile Home Park Acquisition	Purchase homes and property, and relocate residents that are subject to extreme flooding.	Cedar-Samm	2	76%	N/A	\$4,349,000
2008	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.	Cedar-Samm	1	63%	N/A	\$137,000
2008	Cedar River Flood Damage Repairs	Complete five Cedar River flood protection facility repair projects to protect critical public facilities.	Cedar-Samm	2	84%	N/A	\$1,200,000
2008	Cedar River Repetitive Loss Mitigation	Purchase or elevate nine repetitive loss properties to mitigate flood risks.	Cedar-Samm	1	74%	N/A	\$2,811,000
2008	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.	White	3	58%	N/A	\$1,193,000
2008	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.	Cedar-Samm	4	66%	N/A	\$1,821,000
2008	Green River 2006 Flood Damage Repairs Phase 2	Complete 13 flood protection facility repair projects to protect commercial area throughout lower Green River.	Green	2	53%	N/A	\$7,740,000
2008	Issaquah Creek Streambank Stabilization	Stabilize river bank at three sites along Issaquah Creek where roads and other infrastructure are at risk from erosion.	Cedar-Samm	3	79%	N/A	\$519,000
2008	Kent Shops - 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.	Green	3	82%	N/A	\$1,913,000
2008	Kimball Creek and Snoqualmie Basin	Re-channeling of the Kimball Creek channel in the reach between SE 384th and Meadowbrook Way to protect residential area	Snoqualmie	2	68%	N/A	\$500,000
2008	Lower Snoqualmie River Flood Damage Repairs	Complete 23 Lower Snoqualmie River flood protection facility repair projects.	Snoqualmie	2	82%	N/A	\$6,750,000
2008	Middle Fork Snoqualmie River Flood Damage Repairs	Complete two Middle Fork Snoqualmie flood protection facility repair projects to protect residential area.	Snoqualmie	2	84%	N/A	\$600,000
2008	Miller River Home Buyout	Purchase and remove homes at risk from flood hazards.	SF Skykomish	1	66%	N/A	\$683,000
2008	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)	SF Skykomish	2	71%	N/A	\$96,000
2008	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.	Green	3	76%	N/A	\$4,967,000
2008	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.	Snoqualmie	1	82%	N/A	\$1,450,000
2008	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.	Snoqualmie	5	68%	N/A	\$4,827,000
2008	Nursing Home Levee (includes Flood Damage Repairs)	Rehabilitate levees to reduce the risk of flooding in the urban residential areas of Kent and Renton	Green	3	74%	N/A	\$2,438,000
2008	Raging River Flood Damage Repairs	Complete 12 Raging River flood protection facility repair projects to protect residential areas	Snoqualmie	2	82%	N/A	\$1,800,000
2008	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).	Cedar-Samm	4	76%	N/A	\$1,733,000
2008	Red Creek Acquisitions	Remove homes subject to flooding and channel migration hazards.	White	2	63%	N/A	\$735,000

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2008	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	Green	4	71%	N/A	\$1,913,000
2008	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.	Snoqualmie	5	97%	N/A	\$5,039,000
2008	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	Snoqualmie	2	79%	N/A	\$5,727,000
2008	Tolt River Flood Damage Repairs	Complete two Tolt River flood protection facility repair projects to protect critical public facilities (e.g. Tolt River Rd)	Snoqualmie	2	82%	N/A	\$375,000
2008	Tolt River Road Shoulder Protection	Stabilize the Tolt River Road to protect the road from active channel migration.	Snoqualmie	2	74%	N/A	\$385,000
2008	Tolt River Supplemental Study	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	Snoqualmie	1	74%	N/A	\$100,000
2008	Upper Snoqualmie River 2006 Flood Damage Repairs	Complete one Upper Snoqualmie Mainstem River flood protection facility repair project to protect residential area	Snoqualmie	2	74%	N/A	\$225,000
2008	White River Flood Damage Repair at Stuck River Drive	Replace 300 feet of eroded revetment with biostabilized riverbank.	White	2	37%	N/A	\$300,000
2008	White-Greenwater Acquisition	Purchase and remove homes subject to flooding and erosion hazards.	White	2	66%	N/A	\$785,000
2008	Willowmoor Floodplain Restoration	Reconfigure the outlet of Lake Sammamish to improve conveyance and reduce flooding problems for residences around the lake.	Cedar-Samm	3	58%	N/A	\$2,944,000
2009	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.	Green	6	92%	62%	\$14,970,000
2009	City of Snoqualmie Natural Area Acquisitions	Purchase and remove flood prone property and structure.	Snoqualmie	1	79%	79%	\$188,000
2009	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.	Green	6	89%	49%	\$860,000
2009	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.	Green	6	89%	49%	\$1,071,000
2009	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.	Green	6	95%	49%	\$650,000
2009	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.	Green	6	92%	49%	\$3,491,000
2009	Dorre Don Meanders Phase 1 Flood Hazard Analysis	Purchase flood-prone properties in lower Dorre Don area and, where possible, modify levees to improve flood conveyance and protect residential area	Cedar-Samm	1	69%	79%	\$200,000
2009	Gaco Western	Set back existing levees to improve flood storage and conveyance and protect a major commercial area in City of Tukwila	Green	6	82%	28%	\$1,913,000
2009	Lower Tolt River Acquisition	Purchase floodplain property to avoid damage in flood prone residential area and maintain ability.	Snoqualmie	2	74%	69%	\$884,000
2009	Middle Green River Acquisition	Purchase at-risk home and associated property.	Green	1	58%	77%	\$500,000
2009	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	Green	3	68%	62%	\$2,387,000

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2009	San Souci Neighborhood Buyout	Purchase and remove homes in high flood and erosion hazard area.	Snoqualmie	2	82%	59%	\$1,703,000
2009	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	Green	6	97%	31%	\$4,782,000
2009	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	Green	6	95%	31%	\$1,913,000
2009	South Park - Duwamish Backwater Inundation at 4th and Trenton Storm Drain	Reduce flooding from Duwamish backwater inundation in the South Park neighborhood by constructing a pump station that allows the area to drain at all tidal heights.	Green	2	79%	64%	\$4,500,000
2009	Tolt River Mouth to SR 203 Floodplain Reconnection Project	Set back the existing levee within Tolt River - John MacDonald Park to increase flood storage and conveyance	Snoqualmie	2	39%	95%	\$700,000
2010	Middle Fork Levee System Capacity Improvements	Remove levee segments to reduce channel constrictions which hinder flood conveyance.	Snoqualmie	3	76%	33%	\$2,831,000
2010	Abandoned Bridge Abutment and Waring Revetment Channel Constriction	Remove channel constriction at old bridge site.	Snoqualmie	2	68%	77%	\$100,000
2010	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.	Cedar-Samm	3	89%	28%	\$4,827,000
2010	Patterson Creek Acquisition	Purchase property that is being impacted by alluvial fan sediment deposition where a tributary to Patterson Creek enters the floodplain.	Snoqualmie	1	55%	77%	\$598,000
2011	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.)	Cedar-Samm	4	76%	44%	\$955,000
2011	Lower Lions Club	Purchase and remove flood-prone homes.	Cedar-Samm	3	66%	44%	\$850,000
2011	McElhoe/Person Levee	Remove or set back part of levee to increase flood storage and conveyance and protect residential areas	Snoqualmie	3	68%	59%	\$1,149,000
2011	Timber Lane Village Home Flood Buyouts	Purchase and remove homes and property in this neighborhood which is subject to extreme flooding.	SF Skykomish	3	71%	46%	\$550,000
2012	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)	Cedar-Samm	4	76%	51%	\$1,023,000
2012	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	Cedar-Samm	4	79%	51%	\$4,408,000
2012	Maplewood Acquisition and Levee Setback	Purchase flood prone homes at risk of landslide and rapid channel change	Cedar-Samm	4	84%	46%	\$9,016,000
2012	Timber Lane Village Home Erosion Buyouts	Purchase homes and property in this neighborhood which is subject to extreme erosion.	SF Skykomish	2	76%	46%	\$3,367,000
2012	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	Snoqualmie	5	61%	41%	\$4,585,000
2012	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	Cedar-Samm	4	42%	56%	\$3,837,000
2013	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	Cedar-Samm	4	55%	33%	\$3,518,000

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2013	SR202 Bridge Lengthening on South Fork Snoqualmie River	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.	Snoqualmie	2	76%	26%	\$3,000,000
2014	Bellevue - Lower Coal Creek Phase 1	Reduce flooding in the Newport Shores reach of Coal Creek with a combination of increased storage capacity of the I-405 Regional Detention Pond and/or replacement of 5 existing culverts downstream of the pond that contribute to flooding.	Cedar-Samm	3	71%	49%	\$12,500,000
2014	City of Snoqualmie Property Acquisition and Residential Flood Mitigation	Purchase repetitive loss properties along the left bank of the Snoqualmie River.	Snoqualmie	2	89%	54%	\$3,100,000
2014	Tolt Pipeline Protection	Stabilize riverbank using engineered logjams to protect Tolt water supply line (critical public facility)	Snoqualmie	3	84%	49%	\$2,367,000
2014	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	Snoqualmie	3	68%	54%	\$3,853,000