

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

Ref #	Project Start Year	Basin	Council District	Project Name	Project Description and Purpose	Flood Risk Reduction %	Implementation %
08-01	2008	Cedar-Samm	9	Cedar Grove Mobile Home Park Acquisition	Purchase homes and property, and relocate residents that are subject to extreme flooding.	76%	N/A
08-02	2008	Cedar-Samm	9	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.	63%	N/A
08-03	2008	Cedar-Samm	9	Cedar River Flood Damage Repairs	Complete five Cedar River flood protection facility repair projects to protect critical public facilities.	84%	N/A
08-04	2008	Cedar-Samm	9	Cedar River Repetitive Loss Mitigation	Purchase or elevate nine repetitive loss properties to mitigate flood risks.	74%	N/A
08-05	2008	Cedar-Samm	9	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.	66%	N/A
08-06	2008	Cedar-Samm	9	Issaquah Creek Streambank Stabilization	Stabilize river bank at three sites along Issaquah Creek where roads and other infrastructure are at risk from erosion.	79%	N/A
08-07	2008	Cedar-Samm	9	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).	76%	N/A
08-08	2008	Cedar-Samm	3	Willowmoor Floodplain Restoration	Reconfigure the outlet of Lake Sammamish to improve conveyance and reduce flooding problems for residences around the lake.	58%	N/A
08-09	2008	Green	4	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	87%	N/A
08-10	2008	Green	5, 7, 8	Green River 2006 Flood Damage Repairs	Complete flood protection facility repair projects to protect commercial area throughout lower Green River.	53%	N/A
08-11	2008	Green	5, 7	Nursing Home Levee (includes Flood Damage Repairs)	Rehabilitate levees to reduce the risk of flooding in the urban residential areas of Kent and Renton	74%	N/A
08-12	2008	Snoqualmie	3	Aldair Buyout	Purchase and remove existing homes from low-lying ground immediately behind the deteriorating Aldair levee.	68%	N/A
08-13	2008	Snoqualmie	3	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	68%	N/A
08-14	2008	Snoqualmie	3	Lower Snoqualmie River Flood Damage Repairs	Complete Lower Snoqualmie River flood protection facility repair projects.	82%	N/A
08-15	2008	Snoqualmie	3	Middle Fork Snoqualmie River Flood Damage Repairs	Complete Middle Fork Snoqualmie flood protection facility repair projects to protect residential area.	84%	N/A
08-16	2008	Snoqualmie	3	Miller River Home Buyout	Purchase and remove homes at risk from flood hazards.	66%	N/A
08-17	2008	Snoqualmie	3	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)	71%	N/A
08-18	2008	Snoqualmie	3	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.	82%	N/A
08-19	2008	Snoqualmie	3	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.	68%	N/A
08-20	2008	Snoqualmie	3, 9	Raging River Flood Damage Repairs	Complete Raging River flood protection facility repair projects to protect residential areas	82%	N/A
08-21	2008	Snoqualmie	3	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.	97%	N/A
08-22	2008	Snoqualmie	3	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	79%	N/A
08-23	2008	Snoqualmie	3	Tolt River Flood Damage Repairs	Complete two Tolt River flood protection facility repair projects to protect critical public facilities (e.g. Tolt River Rd)	82%	N/A
08-24	2008	Snoqualmie	3	Tolt River Road Shoulder Protection	Stabilize the Tolt River Road to protect the road from active channel migration.	74%	N/A

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08-25	2008	Snoqualmie	3	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	74%	N/A
08-26	2008	Snoqualmie	3	Upper Snoqualmie River 2006 Flood Damage Repairs	Complete one Upper Snoqualmie Mainstem River flood protection facility repair project to protect residential area	74%	N/A
08-27	2008	White	7	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.	58%	N/A
08-28	2008	White	9	Red Creek Acquisitions	Remove homes subject to flooding and channel migration hazards.	63%	N/A
08-29	2008	White	7	White River Flood Damage Repair at Stuck River Drive	Replace 300 feet of eroded revetment with biostabilized riverbank.	37%	N/A
08-30	2008	White	9	White-Greenwater Acquisition	Purchase and remove homes subject to flooding and erosion hazards.	66%	N/A
09-01	2009	Cedar-Samm	9	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	69%	79%
09-03	2009	Cedar-Samm	9	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)	76%	51%
09-02	2009	Cedar-Samm	9	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.)	76%	51%
09-04	2009	Cedar-Samm	9	Maplewood Acquisition and Levee Setback - Phase 1 Hazard Analysis	Evaluate hazard reduction options in neighborhood at risk of flooding due to landslide and rapid channel change	84%	46%
09-05	2009	Green	5	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.	92%	62%
09-06	2009	Green	5	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.	89%	49%
09-07	2009	Green	5	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.	89%	49%
09-08	2009	Green	5	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.	95%	49%
09-09	2009	Green	5	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.	92%	49%
09-10	2009	Green	7	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	68%	62%
09-11	2009	Green	5	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	97%	31%
09-12	2009	Green	5	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	95%	31%
09-13	2009	Green	8	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.	79%	64%
09-14	2009	Snoqualmie	3, 9	Alpine Manor Mobile Home Park Neighborhood Buyout	Purchase and remove homes, and relocate residents at risk from flooding and severe channel migration.	74%	N/A

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09-15	2009	Snoqualmie	3	City of Snoqualmie Natural Area Acquisitions	Purchase and remove flood prone property and structure.	79%	79%
09-16	2009	Snoqualmie	3	Lower Tolt River Acquisition	Purchase floodplain property to avoid damage in flood prone residential area and maintain abilit.	74%	69%
09-17	2009	Snoqualmie	3	Middle Fork Levee System Capacity Improvements	Remove levee segments to reduce channel constrictions which hinder flood conveyance.	76%	33%
09-18	2009	Snoqualmie	3	San Souci Neighborhood Buyout	Purchase and remove homes in high flood and erosion hazard area.	82%	59%
09-19	2009	Snoqualmie	3	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	39%	95%
10-01	2010	Cedar-Samm	5	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.	89%	28%
10-02	2010	Snoqualmie	3, 9	Abandoned Bridge Abutment and Waring Revetment Channel Constriction	Remove channel constriction at old bridge site.	68%	77%
10-03	2010	Snoqualmie	3	McElhoe/Person Levee	Remove or set back part of levee to increase flood storage and conveyance and protect residential areas	68%	59%
10-04	2010	Snoqualmie	3	Timber Lane Village Home Flood Buyouts	Purchase and remove homes and property in this neighborhood which is subject to extreme flooding.	71%	46%
11-01	2011	Cedar-Samm	9	Lower Lions Club	Purchase and remove flood-prone homes.	66%	44%
11-02	2011	Snoqualmie	3	Timber Lane Village Home Erosion Buyouts	Purchase homes and property in this neighborhood which is subject to extreme erosion.	76%	46%
11-03	2011	Snoqualmie	3	Tolt River Natural Area Floodplain Reconnection/Acquisition	Purchase two homes that are at risk from flood damages and reconfigure the downstream end of the Edholm levee to improve flood conveyance	68%	54%
12-01	2012	Cedar-Samm	9	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	79%	51%
12-02	2012	Snoqualmie	3	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	61%	41%
13-01	2013	Cedar-Samm	9	Issaquah Creek Repetitive Loss Mitigation	Elevate two repetitive loss residential properties to mitigate flood risks	74%	44%
13-02	2009	Cedar-Samm	9	Maplewood Acquisition and Levee Setback - Phase 2 Landslide Hazard Mitigation	Reduce flooding risks in neighborhood at risk of flooding due to landslide and rapid channel change	84%	46%
13-03	2013	Cedar-Samm	9	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.	82%	46%
13-04	2013	Green	5	Gaco Western	Set back existing levees to improve flood storage and conveyance and protect a major commercial area in City of Tukwila	82%	28%

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13-05	2013	Snoqualmie	3	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.	61%	44%
13-06	2013	Snoqualmie	3	Tolt River Repetitive Loss Mitigation	Elevate or buyout repetitive loss residential properties to mitigate flood risks	74%	44%
14-01	2014	Cedar-Samm	6	Bellevue - Lower Coal Creek Phase 1	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.	71%	49%
14-02	2014	Cedar-Samm	5	Renton- Cedar River Bridge Flood Reduction Project	Reconstruct one of five bridges to an elevation above the new floodplain (protects major public infrastructure).	79%	44%
14-03	2014	Snoqualmie	3	City of Snoqualmie Property Acquisition and Residential Flood Mitigation	Purchase repetitive loss properties along the left bank of the Snoqualmie River.	89%	54%
14-04	2014	Snoqualmie	3	Lower Snoqualmie River Repetitive Loss Mitigation	Elevate or buyout repetitive loss residential properties to mitigate flood risks	74%	44%
14-05	2014	Snoqualmie	3	South Fork Skykomish River Repetitive Loss Mitigation	Elevate or buyout repetitive loss residential properties to mitigate flood risks	74%	44%
14-06	2014	Snoqualmie	3	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.	76%	26%
14-07	2014	Snoqualmie	3	Tolt Pipeline Protection	Stabilize riverbank using engineered logjams to protect Tolt water supply line (critical public facility)	84%	49%