

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> | Purchase repetitive loss properties along the left bank of the Snoqualmie River. | Feasibility | <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> | Skykomish Levee enclosure and Channel improvements to protect residential area | Planning and Project Identification | <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> | Reconstruct one of five bridges to an elevation above the new floodplain (protects major public infrastructure). | Project Identification and Feasibility | <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> | 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. | Feasibility | <i>Cedar-Samm</i> | 2015 | 2017 | 27 | <i>\$12,500,000</i> |
| 87 | <i>Issaquah FCZD Proj 3 - Gilman Square Floodproofing</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. | Feasibility | <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> | Acquire and remove commercial properties where creeks converge; stabilize DNRP sewer line | Project Identification and Feasibility | <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 |