

**Attachment 1: Proposed Repair Projects from the January 2011 Flood
Supplementary Information**

River	Project #	Name	What is at risk?	Proposed 2011 Appropriation	Repair History	Long-Term Solutions
Cedar	FL7048	Cedar Rapids 2011 Repair	Residential area	\$500,000	This is a repair of a setback project constructed in 2008. FEMA public assistance likely.	Project is intended to be the long-term solution at this site.
Cedar	FL7049	Youngs Revetment 2011 Repair	Residential area	\$40,000	Infrequent history of damages/repairs at this site. Unique situation in that a tree speared the revetment during high flows, and the project will remove the tree so that it doesn't peel off a large section of revetment. FEMA public assistance likely.	Not needed.
Upper Snoqualmie	FL1041	Mason Thorson Ext 2011 Repair	Residential area	\$200,000	Different segments of levee repaired in 2008 and 2009.	Comprehensive plan and alternatives analysis underway to redesign this and several other ineffective levees along Middle Fork corridor. Likely will implement combination of acquisition and capital approaches.
Upper Snoqualmie	FL1042	Shakemill Levee 2011 Repair	Residential area, bridge, and roadway.	\$250,000	Damaged in 2006, 2009, and 2011 floods; no repairs because no easement or other property interest here. Landowner not willing to provide easement.	Problem is channel migration throughout this reach, not just this specific location. Imminent threat to County roadway being addressed by KCDOT, risks to private property better addressed by acquiring this property under Upper Snoqualmie Residential Mitigation FL1023.
Upper Snoqualmie	FL1043	Record Office Revetment 2011 Repair	Residential area, same reach as FL1044	\$50,000	No history of damages/repairs at this site. Fairly small repair, intent is to prevent it from becoming a larger problem.	Do not anticipate that additional solutions will be necessary at this location.
Upper Snoqualmie	FL1044	Meadowbrook Revetment 2011 Repair	Residential area, same reach as FL1043	\$50,000	No history of damages/repairs at this site. Fairly small repair, intent is to prevent it from becoming a larger problem. FEMA public assistance likely.	Do not anticipate that additional solutions will be necessary at this location. Part of much larger retrofit conducted in 2000, which has generally been very successful.

Total \$1,090,000