

Chehalis River Basin Flood Relief Projects						
Jurisdiction	Project	Estimate Range 1	Estimate Range 2	2013-15 Cost	2013-15 Cost Description	2013-15 Public Safety Benefit
Grays Harbor County	A. Chehalis River Bank Erosion Risk Assessment for the Satsop Business Park industrial water line	\$ 40,000	\$ 64,000	\$ 52,000	Conduct hydrology analysis to understand risks, costs and alternatives	Ensures protection and continued operation of industrial utility infrastructure for: <ul style="list-style-type: none"> o 650 Mwt Plant (650K person capacity). o Industrial business park (30 businesses).
Grays Harbor County	B. Elma-Porter Flood Mitigation Project: <ul style="list-style-type: none"> i. Wakefield Road Bridge overflow bridge. ii. Dunlap and Porter Creek Roads: <ul style="list-style-type: none"> * Refine model and perform alternatives analysis. * Refine flood relief alternatives and do pre-design, final design and permitting for culvert installation in the Porter Creek/South Elma junction area. 	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	Permit and construct overflow bridge	Provides egress (South Elma Road) and protection for: <ul style="list-style-type: none"> o Hundreds of workers from Satsop Development park, Briggs nursery, commercial farms, gas fired power plant and more. o ~12 residences directly affected with many more
		\$ 50,000	\$ 50,000	\$ 50,000	Refine model and perform alternatives analysis	
		\$ 150,000	\$ 150,000	\$ 150,000	Refine flood relief alternatives; do pre-design, final design and permitting for culvert installation in Porter Creek/South Elma junction area	

Cosmopolis	H. Mill Creek Dam Improvements	\$ 2,000,000	\$ 2,000,000	\$ 250,000	Hydraulic analysis, Alternatives analysis	Provides protection for: <ul style="list-style-type: none"> o ~325 residences (Cosmopolis). o ~200 residences (South Aberdeen). o Two significant employers (Western Peterbilt with 25 employees and D4 Sports with 7 employees). o Grays Harbor County Road Maintenance Shop (with 10-15 employees).
Lewis County	J. Flow Channel Under SR6	TBD	TBD	TBD	Preliminary design, alternatives analysis, costing, final design, permitting, construction	Provides protection for: <ul style="list-style-type: none"> o Overtopping State Highway 6. o Local landowners and residences.

Centralia	K. China Creek Flood Project	\$ 16,800,000	\$ 16,800,000	\$ 6,000,000	Engineering design, SEPA and permitting, Land acquisition	Provides protection for: <ul style="list-style-type: none"> o Residential and commercial areas of Centralia several blocks on either side of China Creek (between Yew Street and Railroad Avenue). o Local roads for City transportation and stormwater infrastructure. o Local roads for emergency responders.
Chehalis	M. Dillenbaugh Creek Realignment	\$ 100,000	\$ 500,000	\$ 500,000	Hydraulic/hydrology analysis, preliminary design and costing, permitting, final engineering, construction	Provides protection for: <ul style="list-style-type: none"> o ~ 74 residences. o ~ 13 businesses. o Interstate-5.

Napavine	N. Kirkland Road Culvert Project	\$ 2,555,000	\$ 2,555,000	\$ 2,555,000	Preliminary design, alternatives analysis, costing, final design, permitting, construction	Provides protection for: <ul style="list-style-type: none"> o Major businesses (McDonalds, Burger King, Ramblin Jack Restaurant, Subway, gas stations). o Local church (Bethel church). o Local residences. o Continued access through Exit 72 (Interstate 5).
Pe Ell	O. Pe Ell Wastewater Treatment Plant Flood Prevention Dike	\$ 521,000	\$ 521,000	\$ 521,000	Preliminary design, alternatives analysis, costing, final design, permitting, construction	Provide protection and continued operation for: <ul style="list-style-type: none"> o Pe Ell Wastewater Treatment Plant (sole treatment capacity for 350 residences and ~20 businesses).

Bucoda	Q. Regrade Main Street	\$ 174,263	\$ 174,263	\$ 174,263	Preliminary design, alternatives analysis, costing, final design, permitting	Provides protection for: o Main St.to stay open for emergency fire, police and EMS vehicles, as well local through-traffic. o ~50 residences.
Total -->		\$ 28,390,263	\$ 28,814,263	\$ 16,252,263		