

3RD DRAFT - IAWG FY 10 & 11 FUNDING STATUS AND FY 12 - 13 RECOMMENDATIONS

IAWG Recommendations in red are needed in FY 12, but are not in Governor's FY 12 Budget

	Programs or Communities	Description	FY 10 Recommended Funding and Activity Status	FY 11 Recommended Funding and Activity Status	FY 12 -13 Funding Recs
1	<p>All Communities. DMVA- Homeland Security & Emergency Management</p> <p>These communities can be identified for the NW and Western regions of Alaska as those that have suffered the most number of declared disasters over the last 30 years.</p>	<p>Continue Developing Suite of Emergency Plans to ensure no loss of life during disasters.</p> <p>Conduct trainings, planning workshops on sub-regional basis, thereby reducing costs.</p>	<p>\$500,000</p> <p>DHS&EM will explore other funding opportunities, e.g. Denali Commission and CIAP for the most threatened regions in Alaska.</p> <p>Status: Only the six initial IAWG communities were provided the full suite of emergency plans.</p> <p>(Note: EM operates so that each year various communities receive various updated plans; not every community receives every plan updated each year.)</p>	<p>USACE received \$10K to initiate the Silver Jackets program to cooperate with planners from DHS&EM to facilitate an integrated state and federal approach to flood risk management and risk reduction measures. Additional funds expected in FY11.</p>	<p>Describe process that aligns with new ACCIMP/IAWG integrated process.</p> <p>(Note: 3-4 year shelf life for plans)</p>
2	<p>All Communities or previously identified communities. DCCED/DCRA</p> <p>Can be identified and assisted through the legislatively authorized application process, e.g. in need of Planning to Prevent Loss of Infrastructure and/or Life</p>	<p>Alaska Climate Change Impact Mitigation Program – Community Planning DCCED/DCRA authorized Hazard Impact Assessments provided to Kipnuk and Atmautluak (FY09 funds)</p> <p>Community Planning Grants for initial 6 villages appropriated in FY09. See status updates in community entries below.</p>		<p>\$500,000 appropriated in FY11.</p> <p>4 Hazard Impact Assessment Grants to Elim, Nelson Lagoon, Nightmute, and Quinhagak (\$200K)</p> <p>2 Community Planning Grants for Kipnuk and Atmautluak (\$300K)</p>	<p>IAWG FY 12 & FY 13 Recommendation:</p> <p>@ \$600k for ACCIMP Community Planning Grant for Elim, Nelson Lagoon, Nightmute, and Quinhagak (@ \$150K each) 4 x 150 = \$600k</p> <p>Funding for Hazard Impact Assessments for 3 new communities @ \$50K 3 x 50 = \$150k</p>

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3	<p>All Communities.</p> <p>DOT/PF</p> <p>Those needing immediate action may be identified as those from #2 above, or where USACE is actively addressing erosion and others where there maybe flooding.</p> <p>(Note: Communities needing immediate action may be different than those where erosion is being addressed by USACE.)</p>	<p>DOT/PF Preliminary Engineering and Early Coordination. (Infrastructure and Erosion Control Design and Environmental Permitting)</p> <p>To leverage USACE funds, partial funding from DOT/PF to plan / coordinate joint response to communities in jeopardy.</p> <p>Funding will allow for preliminary engineering investigations to begin so that project development can move ahead in an orderly, timely, and efficient manner. Site surveys, material source investigations, hazard mapping, geotechnical and hydrologic studies, and environmental documentation and permitting studies will all need to be conducted prior to developing erosion protection or relocation design plans. Because all likely project scenarios will involve extensive environmental documentation and permitting, it is critical that the project development process start as early as possible. Will also allow for early coordination between agencies and affected communities and a review of existing data, reports, and plans.</p>	<p>\$500,000 Requested</p> <p>\$100,000 Appropriated</p> <p>Cost sharing required with 50% non-Federal funds to allow USACE to proceed with feasibility studies; then 35% cost sharing needed for project construction (about \$700k in FY12).</p> <p>In FY10 USACE completed plans and specs on Dillingham and received \$250k of Federal study funds for the listed communities.</p>	<p>USACE erosion studies underway at Emmonak, Napakiak and St. Michael (\$150K @ \$50K each)</p> <p>Non-federal 50/50 match is required.</p>	<p>IAWG FY 12 Recommendation: \$300,000 (in Governor's Budget)</p> <p>IAWG FY 13 Recommendation: \$500k</p>

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4	All Communities. NOAA				
5	Kivalina –Rock revetment along 2,000 feet of ocean front completed with USACE and State funds. Erosion protection for the lagoon side (about \$10M) still needed but lacks Federal and State funding (35%). Kivalina has resumed evaluation of community relocation alternatives requesting USACE assistance under Section 116. Existing airport may need additional erosion protection for long term.	DNR – DGGS Geologic and Hazardous Mapping to identify sites acceptable for evacuation road, site and identifying relocation sites.	DGGS has \$180,000 funded through Federal CIAP. Hiring freeze precluded DGGS from conducting the mapping work. USACE completed 400 feet of rock revetment using State funds from the NWAB.	DGGS hired mapping capabilities to proceed with the CIAP project.	IAWG FY 12 Recommendation: Link DGGS mapping to engineering data needs for site selection. Selection may include protect in place, migrate or relocate in total.
7		Revetment work and community planning will continue from funds appropriated in FY 08 Supplemental and FY 09			Funding is being advanced through conventional budgets/process with APEB and FAA.
8		DCCED provided Alaska Climate Change Impact Mitigation Program (ACCIMP) grant for Kivalina Consensus Building Project (\$30,000 – FY09 funds) \$120,000 for community planning grant remains, but Kivalina first needs to decide what next steps community will take.			Conduct CIAP Strategic Management Plan to identify potential immediate and longer term actions. This should include actions to protect infrastructure current community, e.g., water/sewer system.

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9	Koyukuk No funds available for USACE work.	DOT/PF for Evacuation Road and Upgrade Existing Road. Conduct reconnaissance, engineering studies, preliminary engineering and environmental work and final design.	IAWG Recommended Funding: \$800,000 \$0 appropriated.	No request.	No Request
10		DCCED providing ACCIMP Community Planning Grant for Koyukuk Community Emergency Shelter (\$150,000 – FY09 funds)		Conducted Community Planning Effort from funding by ACCIMP grant.	IAWG FY 13 Recommendation: \$500k for final design and building materials for evacuation center.
11	Newtok An Emergency Evacuation Shelter is being built at a new location, Mertarvik. USACE providing NEPA documents and permits for planned IRT work.	Material for evacuation shelter road from barge landing and building materials for evacuation shelter. DCCED provided Alaska Climate Change Impact Mitigation Program (ACCIMP) Community Planning Grant for Mertarvik Evacuation Shelter Design Analysis Report (completed) and Community Layout Revision. DCCED preparing Mertarvik Strategic Management Plan through Coastal Impact Assistance Program funding (\$150,000), due to be completed in early 2012.	\$2,000,000 Recommended and Appropriated. (Leveraging more than \$5,000,000 from Federal agencies – IRT and USACE.) Funds used to build Road to Evacuation Shelter Site USACE assisted with NEPA documentation and permits for IRT construction activities.	\$4M Recommended and Appropriated. Evacuation Shelter and site construction for the foundation, utilities, and to develop quarry site for construction material and an economic development asset once construction is complete.	IAWG Recommendation for FY 12 & FY 13? \$2.5M in FY 12 Governor’s Budget (unmet need of \$2.75 million; without these funds construction in 2011 field season for Evacuation Shelter can’t be accomplished.)

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12	Shaktoolik USACE obtained accurate survey datum and is preparing a flood inundation map to limit flood risks for construction of future structures.	State funding for partial funding of Evacuation Road design and engineering. This will leverage funds from Kawerak, Denali Commission and BIA.	\$500,000 (The \$500k would leveraged\$2,500,000 from other cooperating organizations) USACE preparing flood mapping; initiated a Section 103 shore protection study.		IAWG FY 13 Recommendation: \$500k Non-Federal Match needed to leverage funds for designing evacuation road and raising road bed to serve as a dike/berm to protect community in place (Unalakleet coastal road model) Risk Analysis and finding of flood mapping.
13		Shaktoolik should request to Congress to add it to the Alaska Coastal Erosion Program under authority of Section 116 for USACE project.	IAWG reaffirms Shaktoolik should make this request.		Immediately, provide Governor's office with opportunity to submit letter to USACE to support designation under Coastal Erosion Program.
14		DNR – DGGS Geologic and Hazardous Mapping to identify sites acceptable for evacuation road, site and identifying relocation sites.	DGGS has \$180,000 funded through Federal CIAP. Hiring freeze precluded DGGS from conducting mapping.	DGGS hired mapping capabilities to proceed with the CIAP project.	Link DGGS mapping to engineering data needs for site selection. Coordinate with DOT/PF. Selection may include protect in place, migrate or relocate in total.
15		DCCED providing ACCIMP Community Planning Grant for Shaktoolik Evacuation Shelter Design Analysis Report \$150,000 funded through ACCIMP (FY09).	Community Planning effort delayed to benefit from USACE flood mapping and Section 103 shore protection study already underway.	FY 12: Report on design analysis and final estimate of building materials and costs, based on findings from Design Analysis Report.	IAWG FY 13 Recommendation: \$500k for final design and building materials for evacuation center.

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16	<p>Shishmaref</p> <p>USACE has plans and specs nearly complete for Phase 3 (about 625 feet of rock revetment at total cost of \$12.5M) but lacks Federal and Non-federal funds for construction.</p> <p>South end needs additional erosion work, e.g. rock revetment, Phase 4. No funds have been identified in federal USACE budgeting process.</p>	<p>Need funds to construct completion of the additional 625 feet of ocean-side rock revetment or protect the northeastern edge of the community including the sewage lagoon and washeteria. At the North end, another \$4,400,000 is needed for cost-sharing this section. USACE and others are working together to identify sources for this needed funding.</p>	<p>\$3,000,000</p> <p>This leverages USACE \$8,100,000 for construction of this section (Phase 3), and augments the \$10.5 million USACE has already expended for design and construction of 1,350 feet.</p> <p>\$3 million in FY10 budget leveraged against \$50k USACE</p>	<p>USACE match directed</p> <p>Working on a project partner agreement.</p>	<p>IAWG FY 13 (or 12?) Recommendation:</p> <p>Finish design plans and specs via contract.</p> <p>\$100k state match (DOT/PF) is needed. To finalize cost estimates for Phase III and Phase IV to finish protect in place.</p>
17		<p>Feasibility Studies and Hazardous and Geologic Mapping Studies are needed. Without the siting and design work of evacuation road, airport, port and other community infrastructure sites cannot be done.</p>	<p>No funding has been identified.</p>	<p>DGGS hired mapping capabilities to proceed with the CIAP project.</p>	<p>Link DGGS mapping to engineering data needs for route and site selection. Coordinate with DOT/PF.</p>
18		<p>DCCED ACCIMP Community Planning Grant for Shishmaref Site Selection Feasibility Study (\$150,000 FY09)</p>	<p>Kawarek conducted a preliminary site location study. This study would then provide a more focused planning process using ACCIMP funds. Therefore ACCIMP Community Planning process was delayed.</p>		<p>IAWG FY 13 Recommendation:</p> <p>Funding request will be identified after Shishmaref Site Selection Feasibility Study is completed.</p>

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19	Unalakleet USACE constructed 675 feet of rock revetment in 2010. Amending Project Partnering Agreement to enable construction of the remaining 800 feet in 2012 with available Federal and Non-federal funds. \$4.5 mm needed in federal funds. Non-federal funds in hand.	Funding from FY09 from State and USACE should be sufficient to build the revetment. Coordination with community entities, USACE, DCCED, DOT/PF is needed.	IAWG affirms meetings to develop funding strategy should be scheduled. Unalakleet should take the lead to bring agencies together to develop a funding strategy. USACE completed 675 feet of rock revetment. Preparing Amended Project Partnering Agreement to finish the project under Section 116.	Identified that City waterline needs to be moved to avoid emergency situation, and currently developing funding strategy. Tidal Station being placed during FY12 to develop storm surge model.	
20		Old high school gym is scheduled to be torn down. It could be moved to higher ground and serve as an emergency evacuation community center.	Recommended \$1,000,000 Status – School torn down, no longer an option.		No action required.
21		DCCED ACCIMP Community Planning Grant for Foothills Master Plan and Subdivision Design Project (\$150,000 FY09)			IAWG FY 12 Recommendation: Utilize plan for Foothills Subdivision to seek funding from conventional sources, programs and budgets.