

IAWG WORKSHEET FY 10 & 11 FUNDING STATUS AND FY 12 - 13 RECOMMENDATIONS

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

Programs or Communities	Description	FY 10 Recommended Funding and Status	FY 11 Amount	FY 12 -13 Funding Recs
1 DMVA- Homeland Security & Emergency Management New 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.	Continue Developing Suite of Emergency Plans to ensure no loss of life during disasters. Conduct trainings, planning workshops on sub-regional basis, thereby reducing costs.	\$500,000 (Not in Governor's Budget) DHS&EM will explore other funding opportunities, e.g. Denali Commission and CIAP for the most threatened regions in Alaska. Status: No additional communities have received Suite of Emergency Plans; completed for initial 6 communities only.	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.	??OPTION: When a community is identified as in peril, Emergency Plans should be developed and evacuation drills conducted. This requires additional funding to HS&EM to attend to these in peril communities in addition to working with its already scheduled work.
2 DCCED/DCRA New Communities or previously identified can be identified through the legislatively authorized application process, e.g. in need of Planning to Prevent Loss of Infrastructure and/or Life	Alaska Climate Change Impact Mitigation Program – Community Planning DCCED/DCRA authorized Hazard Impact Assessments provided to Kipnuk and Atmautluak (FY09 funds) Community Planning Grants for initial 6 villages appropriated in FY09. See status updates in community entries below.		\$500,000 appropriated in FY11. 4 Hazard Impact Assessment Grants to Elim, Nelson Lagoon, Nightmute, and Quinhagak (\$200K) 2 Community Planning Grants for Kipnuk and Atmautluak (\$300K)	IAWG Recommendation: \$600K Community Planning Grants for Elim, Nelson Lagoon, Nightmute, and Quinhagak (@ \$150K each) Funding for Hazard Impact Assessments for 3 new communities @ \$150K

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3	<p>DOT/PF New Communities identified as where USACE is actively addressing erosion and others where there maybe flooding (Emmonak, Dillingham, Golovin, Napakiak, and St. Michaels)</p> <p>NOTE: Different than ACCIMP identified communities</p>	<p>DOT/PF Preliminary Engineering and Early Coordination.</p> <p>USACE underway with preliminary erosion studies at listed communities.</p>	<p>\$500,000 Requested \$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>\$300,000 in Governor’s FY12 Budget (Infastructure and Erosion Control Design and Environmental Permitting)</p> <p><i>IAWG Recommendation?</i> Fund DOT/PF in conjunction with USACE planning for joint response to communities in jeopardy. (50%-50% match for feasibility study)</p>
4	Atmautluak	Selected into ACCIMP Program	Hazard Impact Assessment conducted	Community Planning being conducted through ACCIMP grant.	<i>IAWG Recommendation?</i> Identify site characterization and applicable engineering “best practices” and develop conceptual solution to findings.
5	Kipnuk	Selected into ACCIMP Program	Hazard Impact Assessment completed	Community Planning being conducted through ACCIMP grant.	<i>IAWG Recommendation?</i> Identify site characterization and applicable engineering “best practices” and develop conceptual solution to findings.

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6	<p>Kivalina –Rock revetment along 2,000 feet of ocean front completed with USACE and State funds.</p> <p>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 projection for long term.</p>	DNR – DGGS Geologic and Hazardous Mapping to identify sites acceptable for evacuation road, site and identifying relocation sites.	<p>DGGS has \$180,000 funded through Federal CIAP.</p> <p>Hiring freeze precluded DGGS from conducting the mapping work.</p> <p>USACE completed 400 feet of rock revetment using State funds from the NWAB.</p>	DGGS hired mapping capabilities to proceed with the CIAP project.	<p>IAWG Recommendation: Link DGGS mapping to engineering data needs for site selection.</p> <p>Selection may include protect in place, migrate or relocate in total.</p>
7		Revetment work and community planning will continue from funds appropriated in FY 08 Supplemental and FY 09			Airport/Runway protection?
8		<p>DCCED provided Alaska Climate Change Impact Mitigation Program (ACCIMP) grant for Kivalina Consensus Building Project (\$30,000 – FY09 funds)</p> <p>\$120,000 for community planning grant remains, but Kivalina first needs to decide what next steps community will take.</p>		FY 11 CIAP funding for Strategic Management Plan	Evaluate recommendations from CIAP Strategic Management Plans for action, including options, funding levels and timeline of risk to community and action.

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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.	Anything submitted?	Status and update funding estimate?
10		DCCED providing ACCIMP Community Planning Grant for Koyukuk Community Emergency Shelter (\$150,000 – FY09 funds)		Update status of grant?	IAWG Recommendation: Cost estimate for final design and building materials TBD at planning grant completion
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 (status of request to increase to \$5.25 for completion of Evacuation Shelter.)

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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 Recommended, but not appropriated (The \$500k would have leveraged \$2,500,000 from other cooperating organizations) USACE preparing flood mapping; initiated a Section 103 shore protection study.		IAWG Recommendation? \$500K+ for designing evacuation road and raising of road bed in community to support protect 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.		Raise to Governor's office for letter to USACE to support designation under Coastal Erosion Program (Who does this?)
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 route and site selection.
15		DCCED providing ACCIMP Community Planning Grant for Shaktoolik Evacuation Shelter Design Analysis Report \$150,000 funded through ACCIMP (FY09).			IAWG Recommendation? Progress report on design analysis and estimate of building materials and costs, based on findings from Design Analysis Report.

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16	Shishmaref 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.	Construction to complete the additional 625 feet of ocean-side rock revetment or protect the northeastern edge of the community including the sewage lagoon and washeteria. Another \$4,400,000 is needed for cost-sharing this section. USACE and others are working together to identify sources for this needed funding.	\$3,000,000 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. \$3 million in FY10 budget leveraged against \$50k USACE	Unfunded request (?) USACE match directed	IAWG Recommendation? Joint federal-state look at quarry sites and design solutions. Costs estimates for Phase III and Phase IV to finish protect in place.
17		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.	No funding has been identified.	DGGs hired mapping capabilities to proceed with the CIAP project.	Link DGGs mapping to engineering data needs for route and site selection.
18		DCCED ACCIMP Community Planning Grant for Shishmaref Site Selection Feasibility Study (\$150,000 FY09)		\$333K estimate CIAP Strategic Management Plan grant.	No funding request will be identified until Shishmaref Site Selection Feasibility Study is completed (FY13)

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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.		IAWG Recommendation ? Successful completion of work to date (Report out). Timeline for completion of projects funded to date. Blue text means what?
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 Recommendation? Funding recommendations for continuing migration and master plan.

Dillingham (IAWG Recommendation??)

USACE completed plans and specs in 2011 for rock revetment to protect the harbor and the adjacent fuel tank farm. Project cost estimated at \$20M and would require 35% Non-federal cost sharing for construction of a Section 116 project. Project Partnering Agreement would be required with Dillingham and additional \$12 M of Federal and \$7M of Non-federal funds needed to construct project in 2012-2013.

Point Hope for water and sewer operational design analysis. (ANTHC Report and coastal erosion of the airport).

--Other communities of ANTHC DEHE as background for future “New Community” consideration.