

# Strategic Management Plan Shishmaref

Interagency Working Group  
Meeting #2

# Alaska Community Coastal Protection Project

- Objective
  - To increase community sustainability and resilience to the impacts of natural hazards.
- Essential Components
  - Strong community leadership
  - Agency support and collaboration
  - Careful, effective planning

# Importance of Inter-Agency Working Group

- Coordinated assistance to community to identify and achieve resilience actions, based on conventional funding channels of agencies
- Benefits include:
  - leveraging of resources
  - better coordination of work
  - reduced conflicts in project timelines and construction windows
- Help with identifying policy/funding obstacles to a smooth efficient process (*i.e. disinvestment due to relocation*)

# Work to Date



# Agency Meeting #1

- Role of Agencies
- Community Welcome and Stories/Values
- Summary of Work to Date
  - Background Planning Report
  - Community Surveys
  - Community Gathering
- Other Area Projects
- Issues and Solutions
  - Land ownership
  - Climate appropriate, adaptable design
  - Site access
  - Relocate vs defend in place
  - Impacts of relocation on funding
  - Potential funding sources
  - Research needs
  - Organizational capacity

# Agenda

- Introductions and Meeting Purpose
- Safety Moment and Agenda Review
- Community message
- Background Planning Report
- Review of Preliminary Planning Schedule
- Next Steps

# Ground Rules

- Keep the community's best interests first in mind
- Share the air—everyone will have an opportunity to speak
- Address issues, not personalities
- Look for the donut, not just the hole
- Every idea is a good idea
- Keep side conversations to a minimum

And please...silence your cell phone!

# Community Message





# Background Planning Report

- Developed based on literature review, community surveys, and community gathering information
- Distributed with meeting invitation
- Also available on Shishmaref Project website
  - <https://www.commerce.alaska.gov/web/dcra/PlanningLandManagement/AlaskaCommunityCoastalProtectionProject/Shishmaref.aspx>
- Comments due Nov. 30<sup>th</sup> to Laurie Cummings or Sally Russell Cox

# Infrastructure

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Maintain existing seawall	Additional Heavy Equipment	Additional community buildings *
Utility Assessment	New landfill*	Airport improvements*
Energy audit	Replace fuel tanks (depending on outcome of assessment)	Low-income/Elder housing*
Rainwater capture and reuse program	Update transportation plan	Street lighting*
Water source protection ordinance	School upgrades*	Washeteria expansion*
Water/Sewer improvements*	Health clinic expansion*	
Additional water tank*	Additional snow removal equipment	
Fuel tank assessment	Water/Sewer upgrades*	
Dust suppression program		
Honey bucket ordinance/regulations		
Water/Sewer master plan		
Wind feasibility study		
Road improvements		
Extend/upgrade seawall		
Complete teacher housing project		

# Emergency Preparedness

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Update emergency operations plan	Evacuation Center	Update emergency operations plan
Practice emergency operations plan/emergency drills	Update emergency operations plan	Practice emergency operations plan/emergency drills
Informational material regarding emergency preparedness	Practice emergency operations plan/emergency drills	Update local hazard mitigation plan
Interim evacuation center	Update local hazard mitigation plan	Update evacuation plan
Evacuation plan	Update evacuation plan	
Establish early warning system		
Increase first response capacity		
Business continuity planning		
Family evacuation and disaster communications plans		
Install smoke and fire detectors		
First aid training		
Outdoor education programs		
Emergency energy backup plan		
Update local hazard mitigation plan		
Village Public Safety Officer		
Participate in Local Environmental Observer (LEO) program		

# Housing

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Housing needs assessment	Housing upgrades	Additional housing*
Housing upgrades	Additional housing*	
Develop housing strategy		

# Jobs and Economic Development

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Skills and knowledge mapping	Teen employment strategy	Update local economic development plan
Grant writing workshop	Update local economic development plan	
Update local economic development plan	Education and training programs	

# Traditional Culture

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Continue Community Events	New events that celebrate traditional culture	
Develop community story project		
Develop Elders in School Program		
Increase use of Traditional Language		

# Leadership/Governance

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Continue strong local leadership and governance		
Increase awareness about City and Tribe council meetings being open to the public		
Continue to support youth leadership programs.		
Improve Government to Government Relations		
Organization mapping – community & regional		
Joint City and IRA Council meetings		
City and IRA Council Memorandum of Understanding		
Communication plan		
Review/Establish procurement policy		
Continue elders advisory committee		

# Relocation

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Commitment to move	Develop access to new site	Develop remaining infrastructure
Site Selection	Develop long range transportation plan	Develop remaining housing
Acquire title to site	Build initial housing	Restoration of old village site
Survey site	Develop initial infrastructure	Update Strategic Management Plan
Identify quarry site	Cultural resources plan	
Identify and prioritize community needs	Well at new site	
Develop community layout plan	Update Strategic Management Plan	
Infrastructure feasibility studies		
Identify water source		
Inventory resources that can be used at new village site		
Detailed construction and financing plan		
Leadership agreement		
Establish relocation committee*		
Update Strategic Management Plan		



# Defend in Place

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Additional shoreline erosion research	Implement additional shoreline protection	Update Strategic Management Plan
Identification of potential expansion area	Develop expansion areas	Infrastructure upgrades
Update Strategic Management Plan	Update Strategic Management Plan	Public building upgrades
Infrastructure assessment	Water system upgrades	School upgrade/replacement
Public building assessment	Sewer system upgrades	
	Infrastructure upgrades	
	Public building upgrades	
	Road upgrades	

# Other

Short-Term (0-5 years)	Medium Term (6-10 years)	Long Term (11+years)
Establish community garden		
Conduct community food assessment		
Establish communication with potential future residents		
Increase awareness about existing substance abuse programs		
Develop elders program		
Implement walking school bus		

# Next Steps

- Potential funding sources?
- Triggers?
- Opportunities for synergy
- Next meeting – Dec/Jan