

# Strategic Management Plan Shaktoolik

Interagency Working Group  
Meeting #4

## Agenda

- Safety Moment and Introductions
- Agenda Review and Ground Rules
- Project Background
- Community Message
- Critical Projects Review
- Next Steps

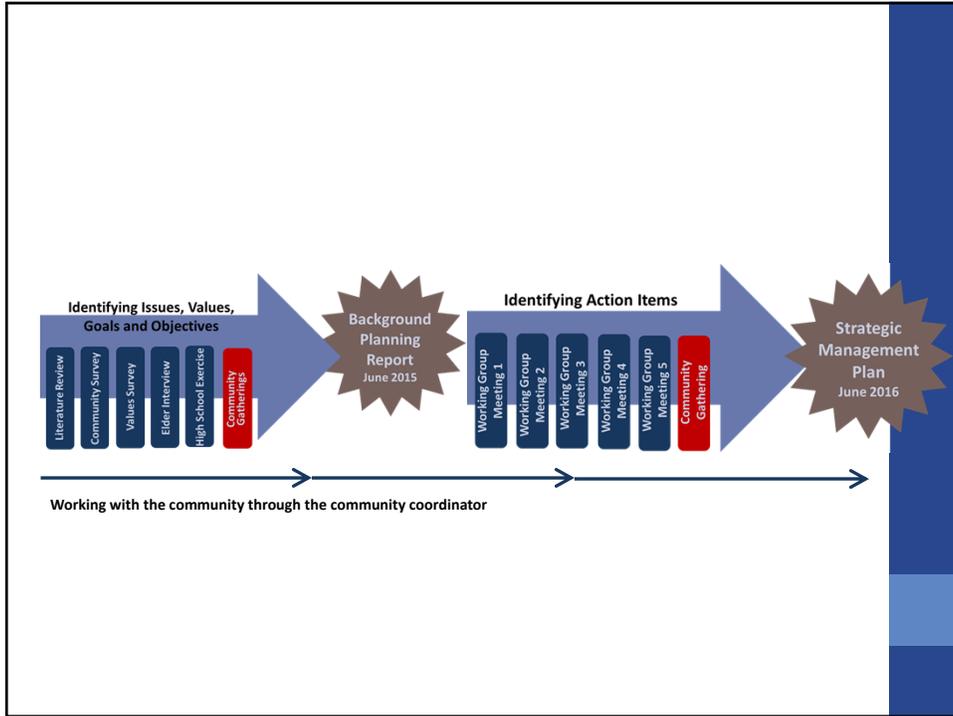
## Ground Rules

- Keep the community's priorities first in mind
- Safety first! All projects are important, but focus on **Immediate Safety.**
  - Save lives
  - Save property
- Share the air
- Keep side conversations to a minimum

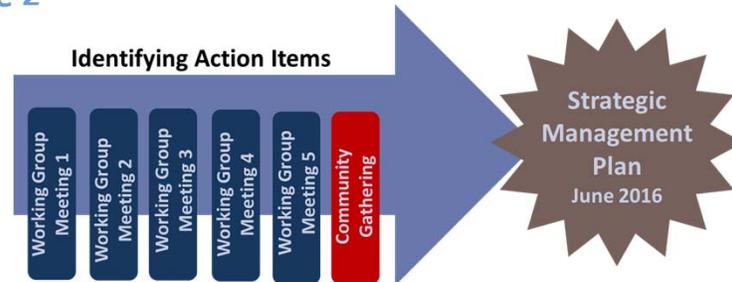
And please...silence your cell phone!

## 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



## Phase 2



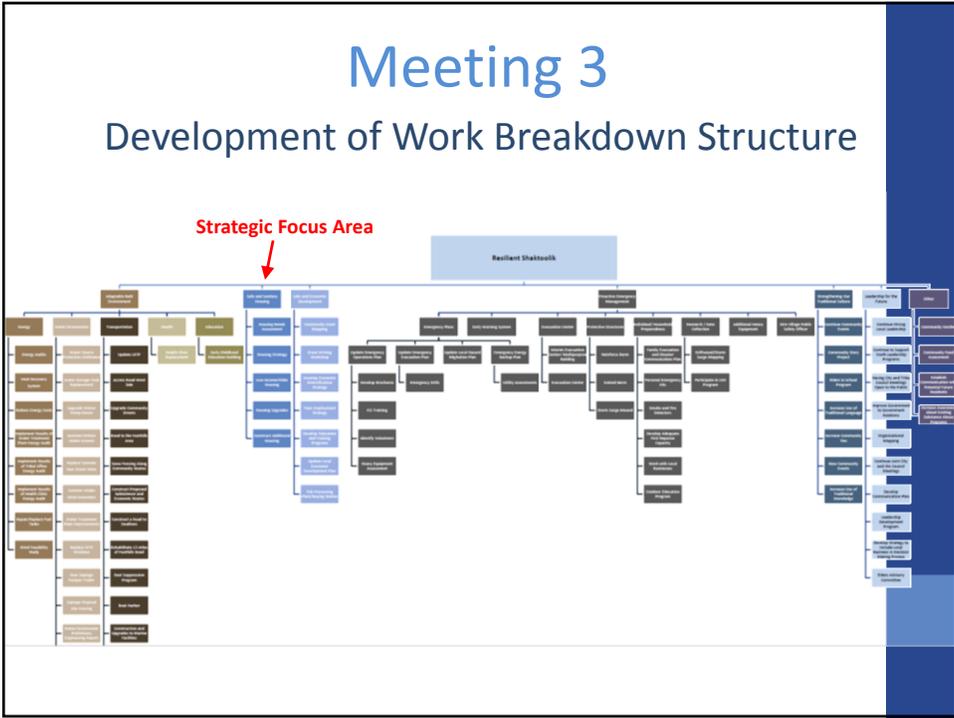
## Meeting 1

- Distribution of *Draft Background Planning Report* (review & comment)
- Review of issues identified by community
- Identification of solutions to address community issues
- Formulation of action items from solutions
- Identification of *Strategic Focus Areas*



Kivalina Strategic Management Plan – Preliminary Planning Schedule - DRAFT			
Strategic Focus Area	Short-Term Action Items (0-5 years)	Mid-Term Action Items (6-10 years)	Long-Term Action Items (11+ years)
Emergency Preparedness	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	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		
Relocation (if community decides to relocate)	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	
	Identify quarry site	Cultural resources plan	
	Identify and prioritize community needs	Well at new site	
	Develop community layout 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*			

Meeting 2



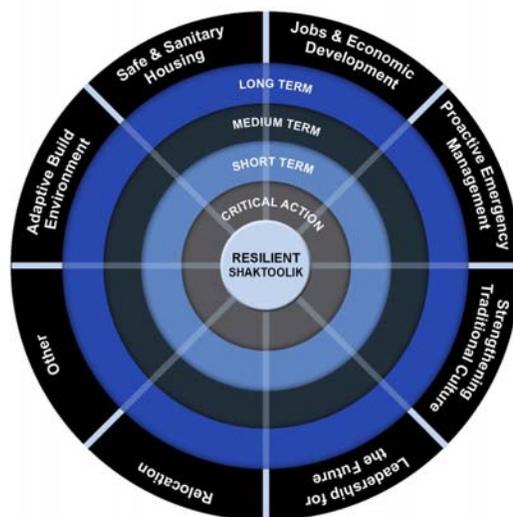
# Community Message



Aftermath of the 2013 storm that challenged Shaktolik's survival  
Photo: Gloria Andrew Collection

<https://www.facebook.com/ebekoalok/videos/1603107253245/>

# Action Plan



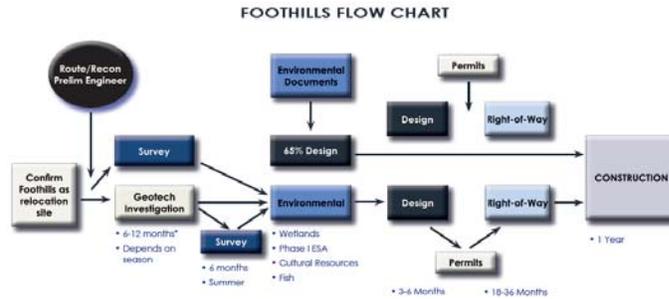
## Critical Actions

- Identified at Interagency Working Group Meeting #3
- Critical projects that, if not completed in 5 years, will negatively impact community safety.
- Criteria:
  - Save lives
  - Save property
  - Can it be reused or re-purposed in another location
- Consider:
  - Does it address immediate priorities - Food, water, energy, shelter
  - How does it reflect community priorities – “Shelter in Place”
  - Is there funding available
  - Can it be fully implemented within 5 years

## Critical Actions

- Road to Foothills Area
- Improved Housing
- Emergency Planning
- Water and Wastewater Improvements
- Fuel and Tank Farm
- Health Clinic Replacement

# Road to Foothills



# Road to Foothills

- **Responsible Party:** IRA, City
- **Potential Partners/Coordination:**
  - DOT&PF
  - DCCED
  - Kawarek
  - Denali Commission
  - Bering Straits Regional Corporation
  - USACE
  - USFWS
  - Bureau of Indian Affairs
  - State Historic Preservation Officer
  - ADEC
  - ADF&G
  - FAA
  - Bering Straits Health Corporation
  - DHS&EM
  - EPA
- **Estimated Cost:** \$50 million
- **Potential Funding Sources:**
  - State Legislative Grant
  - Kawerak Inc.
  - Shaktoolik Native Council
  - Denali Commission
  - BIA

## Improved Housing

- **Key Issues:**
  - Overcrowding/insufficient housing supply
  - Poor condition (mold, poor ventilation, inefficient energy use, etc.)
- **Responsible Party:** IRA, City
- **Potential Partners/Coordination:**
  - DCCED
  - Kawarek
  - Denali Commission
  - Bering Straits Regional Corporation
  - Bering Straits Housing Authority
  - Bureau of Indian Affairs
  - Department of Agriculture
  - Alaska Housing Finance Corporation
  - RuralCap
  - HUD
  - Bering Straits Health Corporation
  - EPA
  - Cold Climate Housing Research Center

## Improved Housing

- **Estimated Cost:** \$ varies
- **Potential Funding Sources:**
  - State Legislative Grant
  - Kawerak Inc.
  - Shaktoolik Native Council
  - Denali Commission
  - Bering Straits Regional Housing Authority Housing Preservation Grant
  - US Department of Agriculture Single Family Housing Repair Loans and Grants
  - Alaska Housing Finance Corporation Weatherization Program
  - RuralCAP Weatherization Program
  - HUD Section 184 funding
  - HUD Indian Community Development Block Grant
  - BIA

## Emergency Planning

- **Key Issues:**

- Response,
- Mitigation,
- Evacuation,
- Preparedness.

**Responsible Party:** IRA, City

**Potential Partners/Coordination:**

- |                                       |                                   |                   |
|---------------------------------------|-----------------------------------|-------------------|
| • DOT&PF                              | • USACE                           | • EPA             |
| • DCCED                               | • USFWS                           | • FEMA            |
| • Kawarek                             | • Bureau of Indian Affairs        | • AVEC            |
| • DHS&EM                              | • ADEC                            | • VPSO            |
| • Denali Commission                   | • FAA                             | • School District |
| • Bering Straits Regional Corporation | • Norton Sound Health Corporation |                   |

## Emergency Planning

- **Estimated Cost:** varies (under \$100,000)

- **Potential Funding Sources:**

- State Legislative Grant
- Kawerak Inc.
- Shaktoolik Native Council
- Denali Commission
- BIA
- DHS&EM (technical assistance)
- FEMA

## Water and Wastewater Improvements

- **Key Issues:**

- Protection of water source
- New water tank
- Repair existing infrastructure

**Responsible Party:** IRA, City

**Potential Partners/Coordination:**

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| • DCCED                               | • ADEC                            |
| • Kawarek                             | • Norton Sound Health Corporation |
| • DHS&EM                              | • EPA                             |
| • Denali Commission                   | • ANTHC                           |
| • Bering Straits Regional Corporation | • DOT&PF                          |
| • Village Safe Water                  |                                   |
| • Bureau of Indian Affairs            |                                   |

## Water and Wastewater Improvements

- **Estimated Cost:** varies

- **Potential Funding Sources:**

- State Legislative Grant
- Kawerak Inc.
- Shaktoolik Native Council
- Denali Commission
- BIA
- Village Safe Water
- ANTHC
- US Department of Agriculture – Rural Utilities Service Water and Environmental Programs
- US Department of Agriculture Section 1603 grants
- US Department of Energy Tribal Energy Program
- Alaska Energy Authority

## Fuel and Tank Farm Improvements

- **Key Issues:**
  - Aging facility
  - Poor condition
  - Lack of secondary containment
  - Threatened by erosion
- **Responsible Party:** IRA, City
- **Potential Partners/Coordination:**
  - AVEC
  - AEA
  - Denali Commission
  - FAA
  - USDA
  - DCCED
  - DHS&EM
  - US Coast Guard
  - EPA

## Fuel and Tank Farm Improvements

- **Estimated Cost:** varies
- **Potential Funding Sources:**
  - Alaska DCCED Bulk Fuel Revolving Loan Program
  - Alaska Energy Authority
  - Norton Sound Economic Development Corporation
  - USDA
  - EPA IGAP
  - AVEC
  - BIA

## Health Clinic Replacement

- **Key Issues:** Insufficient space and staffing
- **Responsible Party:** Norton Sound Health Corporation, City, IRA
- **Estimated Cost:** \$2.4 million
- **Potential Funding Sources:**
  - State Legislative Grant
  - Kawerak Inc.
  - Shaktoolik Native Council
  - Denali Commission
  - ANTHC
- **Potential Partners/Coordination:**
  - City
  - IRA
  - DCCED
  - Denali Commission
  - Alaska Office of Rural Health
  - ANTHC
  - Kawarek

## Next Steps

- Community Meeting
- Draft SMP
- Optional SMP Workshop