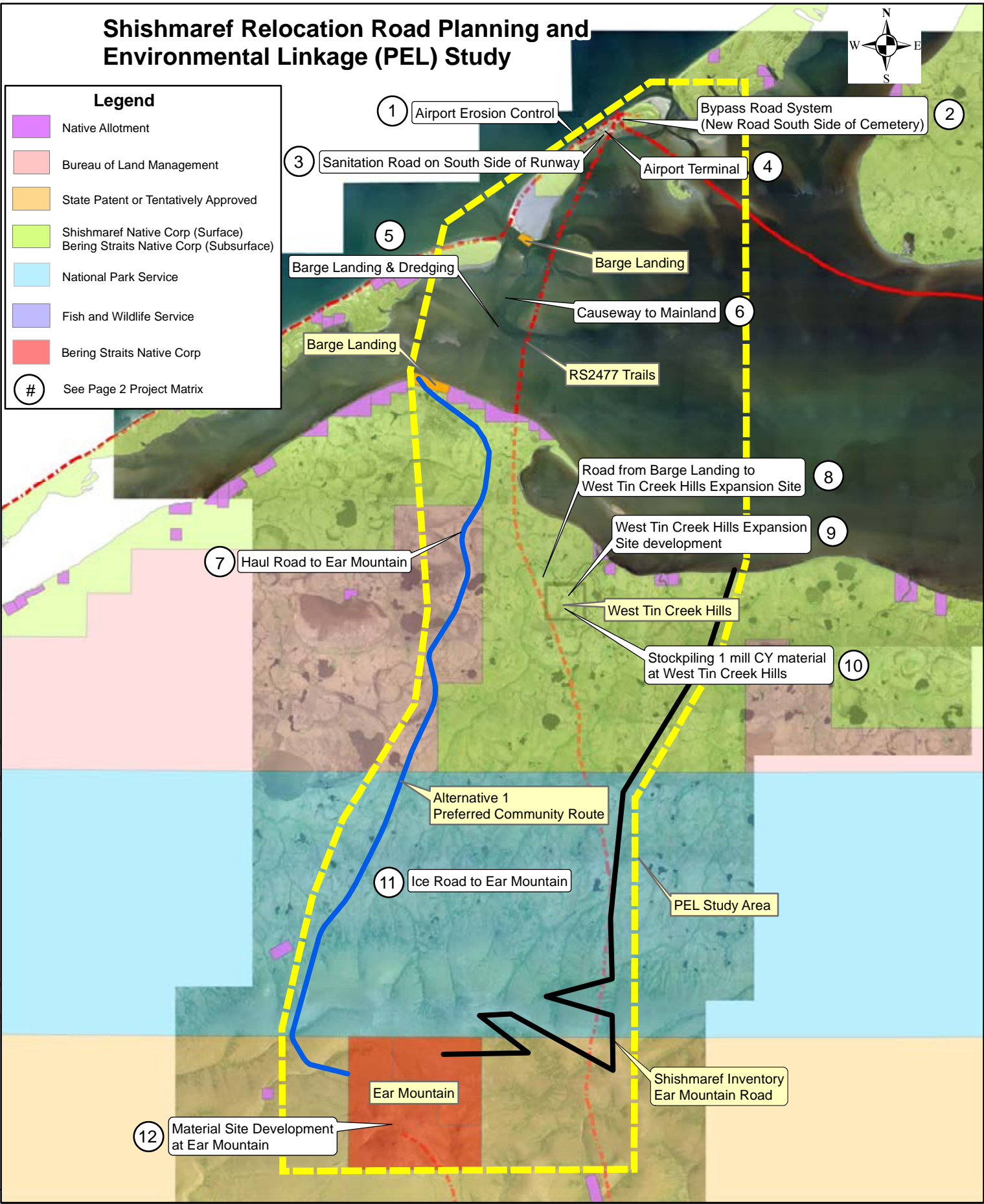


Shishmaref Relocation Road Planning and Environmental Linkage (PEL) Study

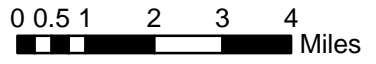


Legend

- Native Allotment
- Bureau of Land Management
- State Patent or Tentatively Approved
- Shishmaref Native Corp (Surface)
Bering Straits Native Corp (Subsurface)
- National Park Service
- Fish and Wildlife Service
- Bering Straits Native Corp
- # See Page 2 Project Matrix



Document Path: H:\Projects\Communities\Shishmaref\GIS files\GIS\Shish_PEL_Matrix_8.5x11_HF.mxd



Shishmaref PEL _Project Matrix-040119

Project #	Projects	Scope of Work	Description of Work
1	Airport Erosion Control	Install Erosion Control at the Shishmaref Airport	Erosion control protection (Rock Revetment) will be installed on the ocean and lagoon side of Sarichef island adjacent to the airport.
2	Bypass Road System (New Road South Side of Cemetery)	Construct a bypass road south of the community connecting the west barge landing to the landfill/airport road, including drainage improvements	Construct a bypass road on the west and south side of the community. The road would connect with the west barge landing that would provide an alternate access for large equipment to bypass driving through the center of the community.
3	Sanitation Road on South Side of Runway	Construct road on the Shishmaref lagoon side of airport that will connecting the community to the landfill, including drainage improvements	Construct road on the Shishmaref lagoon side of the airport, where it will be less susceptible to erosion. The existing landfill access road has been susceptible to damage almost on a yearly basis from storm events. The community currently uses the land adjacent to the landfill access road as a place to process and preserve their subsistence harvest. The dust generated from the road contaminates their subsistence food.
4	Airport Terminal	Construct a new airport terminal	Small terminal would be constructed on the apron of Shishmaref Airport.
5	Barge Landing & Dredging	Dredge a channel through Shishmaref Inlet to a barge landing site on the mainland. Construct barge landing on mainland side of Shishmaref Lagoon	Dredge a channel through Shishmaref Lagoon to the barge landing location on the mainland. Construct a barge landing access point that allows the transportation of goods.
6	Causeway to Mainland	Construct a causeway and road system from the community of Shishmaref to the mainland side of Shishmaref Lagoon	A causeway would be connected from the barrier island south of Sarichef Island to the mainland. A new road and bridge is required to connect Sarichef Island and the barrier island, to allow access to the causeway.
7	Haul Road to Ear Mountain	Construct new road from Ear Mountain to the mainland side of Shishmaref Lagoon, including drainage improvements	Construct a new road from Ear Mountain to a terminus pad located at a proposed barge landing. Large diameter culverts and possibly bridge(s) are part of this project.
8	Road from Barge Landing to West Tin Creek Hills Expansion Site	Construct road from West Tin Creek Hills expansion site to barge landing location, including drainage improvements	A new road would be built to connect the Shishmaref expansion site to barge landing site on the mainland side of Shishmaref Lagoon.
9	West Tin Creek Hills Expansion Site Development	Construct road access and a pad at West Tin Creek Hills expansion site for infrastructure development, including drainage improvements	Road access and a site pad for the community expansion site will be constructed to facilitate future community growth.
10	Stockpiling 1 mill CY material at West Tin Creek Hills (2yrs)	Stockpile material at West Tin Creek Hills to be used for the Shishmaref expansion site	Material would be hauled from Ear Mountain to be stockpiled in the vicinity of the Shishmaref expansion site. The material would be hauled via an existing road or by ice road.
11	Ice Road to Ear Mountain	Construct ice road from Sarichef Island to Ear Mountain	Seasonal ice road would be constructed to the Ear Mountain material site. Materials would be transferred and stockpiled for community and transportation projects.
12	Material Site Development at Ear Mountain	Develop material site on Ear Mountain	A material site would be developed on Ear Mountain. The material extracted would be used for future transportation projects.