



Port of Anchorage - 2003



Port of Anchorage - 2012

Port of Anchorage Intermodal Expansion Project Schedule and Construction Sequence

2003 (COMPLETED)

- Began environmental impact assessment
- Baseline conditions survey, site data collection
- Conducted extensive off-shore geotechnical exploration program
- Hydraulic modeling
- Layout planning

2004 (COMPLETED)

- Issued Finding of No Significant Impact (FONSI) for the rail extension
- Geotechnical feasibility studies
- Initiated whale sighting program
- Began fisheries studies
- Archeological site surveys
- Final design of rail improvements
- Construction USCG floating dock facility



Fig 1: Floating Dock Completed



Fig 2: Completed Floating dock at Port of Anchorage

2005 (COMPLETED)

- Issued Finding of No Significant Impact (FONSI) for the marine terminal expansion
- Geotechnical modeling
- Continued fisheries and pre-construction whale studies
- Completed lease negotiations for adjacent property
- Construction rail extension and double track
 - Installed 9,500 feet of track for railcar storage
- Construction dedicated low sulfur pipeline extension
- Completed multi-use floating dock for U.S. Coast Guard Marine Safety & Security Team (MSST)



Fig 3: Phase 1 of Port's intermodal rail yard

2006 (COMPLETED)

- Completed Petroleum Oil Lubricants (POL) Berth No. 2 ultra low sulfur diesel (USLD) pipeline. Which provides for ULSD transfers at the Port.
- Completed Gravel Haul Road
 - A five mile long road that connects POA to Joint Base Elmendorf Richardson (JBER) that was built to haul gravel from pits on JBER to POA
 - Road provided 2 benefits
 1. Provides access to an economical source of gravel for the fill needed for the expansion project
 2. Provides a road from the POA to JBER that can be utilized during deployment cycles instead of running convoys on city streets
- Applied for final permits
- Began preliminary structural design
- Began crane replacement program
- Environmental Assessments for gravel extraction on military property
- BLM and EAFB gravel extraction permits
- Borrow source subsurface investigations
- Filled North Backlands (21 acres) – Phase I Permit
 - placement of 638,800 cy of fill material
 - 100,000 cy of rock dike
 - standard layer compaction during placement of fill material



Fig 4: Dedicated low sulfur pipeline extension



Fig 5: North Backlands, Shot Rock Dike & Fill Ops (Oct. 2006)



Fig 6" North Backlands, Complete (Nov. 2006)

Fig 7: 5 Mile Long Cherry Hill Haul Road



2007 (COMPLETED)

- EAFB tree clearing and soils screening
- Marine mammal monitoring
- Filled South Backlands (8.6 acres)
 - placement of 185,000 cy fill material
 - placement of 15,000 tons riprap protection
 - standard layer compaction during placement of fill material
 - extend drainage structures
- Filled Dry and Wet Barge Berths (13.8 acres)
 - placement of 763,000 cy fill material
 - placement of 24,000 tons armor rock, 25,000 tons riprap and 11,000 tons filter rock
 - extend drainage structures
- Completed Construction and took beneficial occupancy of the new Security Command and Control Facility (50-50 cost share of Port profits and a DHS security grant)

2008 (COMPLETED)

- Port and Tidewater Road Upgrades
 - Intersection realignment
 - Overhead to underground power line relocation
 - Drainage improvements
- EAFB tree clearing and soils screening
- Marine mammal monitoring
- Drive Sheet Pile for Dry and Wet Barge Berths
 - 723 linear ft of sheet pile bulkhead
 - preparation of dry barge berth landing
 - vibrocompaction of deep fill material
- Complete gravel fill for North Extension (18.4 acres) – Phase I
 - placement of 1,975,000 cy of fill material
 - construction dredging 157,000 cy
 - placement of 17,600 tons riprap
 - vibrocompaction of deep fill material



Fig 8: Marine Mammal Monitoring Station

2009 (COMPLETED)

- Marine mammal monitoring
- Live Fish cage study
- Install Fendering/mooring at Dry Barge Berth creating a functional Dry Barge Berth
- USACE begin transitional dredging at barge terminal



09/08/2009 15:32





08/11/2009 12:10

