



**U. S. Army Corps of Engineers
Pacific Ocean Division**

**Alaska Regional Ports and Harbors
Conference**

January 10, 2008

Supporting the Army in the Pacific



Coastline

Alaska is large in size when compared to the Lower 48 states....but its infrastructure is not comparable

Alaska

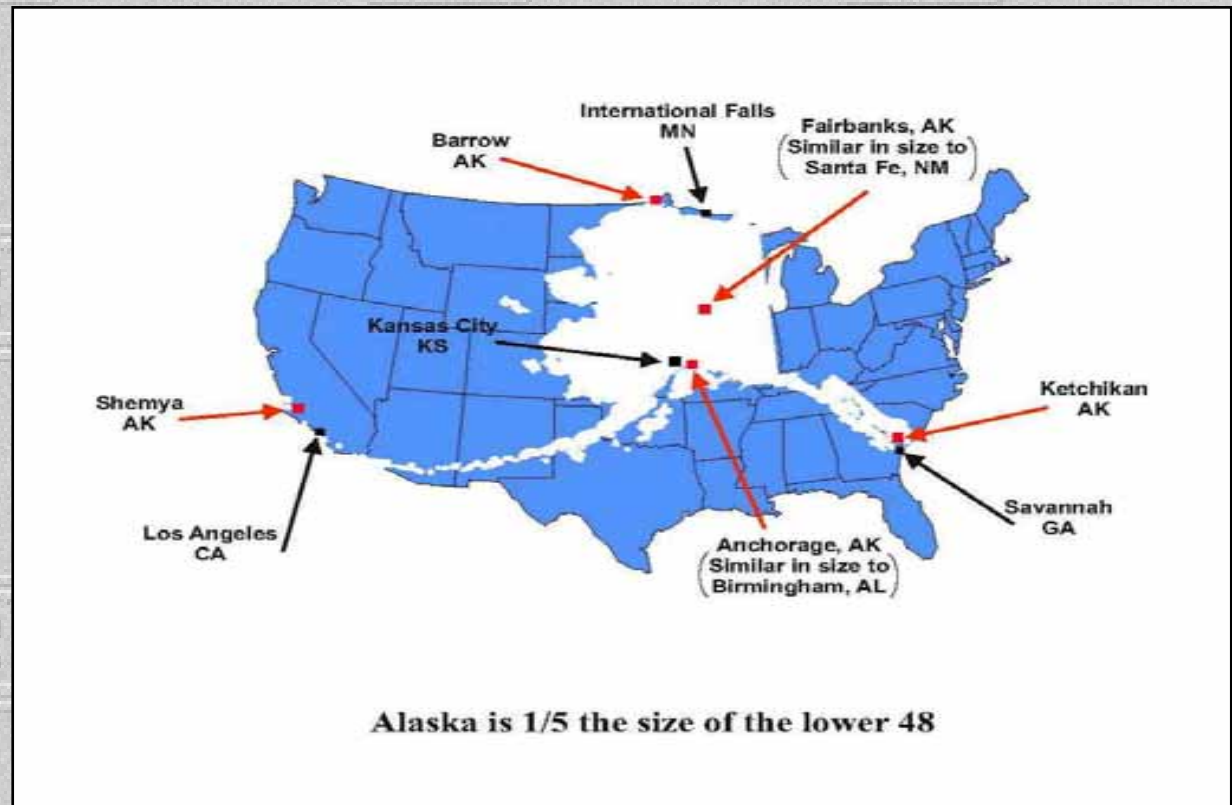
6,640 miles of coastline

Lower 48 States

6,053 miles of coastline

Hawaii

750 miles of coastline





Major Roads

1948 – ALCAN open to civilians
1970's - Parks Highway built
1927- Richardson Highway open to automobiles
1974 - Dalton Highway built to support the trans-Alaska pipeline

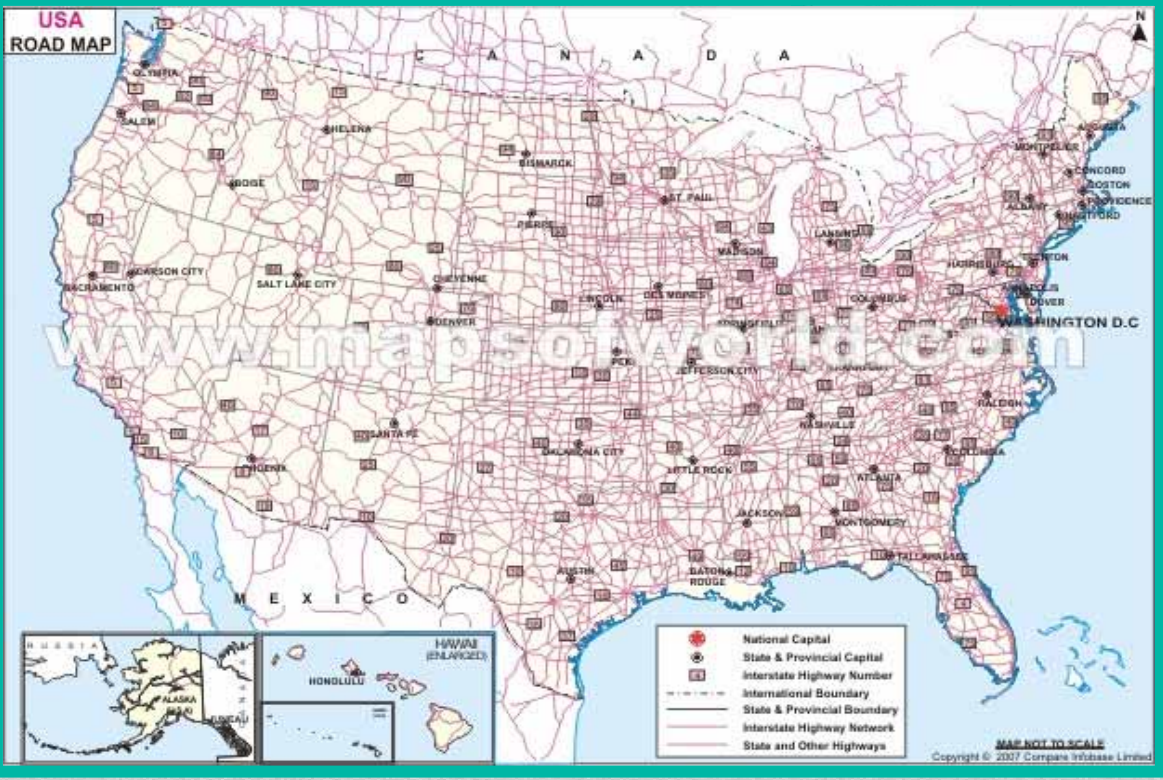
ALASKA
Road Map

LEGEND

- - - International Boundary
- Major Road
- State Capital
- Major Town



USA
ROAD MAP



- 1956 – Interstate Highway System started
- Look at the roads - too many to name!



Waterways

None of Alaska's Rivers have the transportation infrastructure that even begins to compare to lower 48 standards



Locks and Dams are on almost every major river in the lower 48 Development started in the 1800's and continues today



Rail Connections



Lots of existing rail connections that could be accessed through Alaskan or Canadian Ports

Alaska has one rail connection, but lots of plans to link with the Lower 48



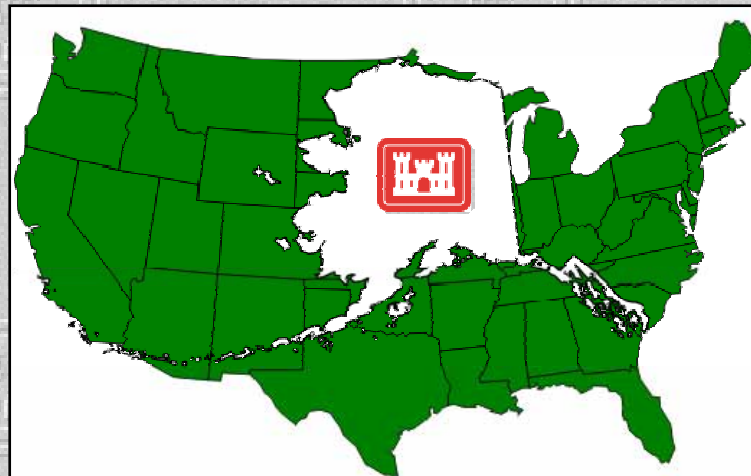


Comparison in the 1800's

Alaska to Lower 48

Lower 48

- 1802 - Corps of Engineers established by Congress
- First mission was improvements to navigation
- Waterway network development for the Ohio, Mississippi, Red, and Missouri Rivers
- Canals
- Locks



Alaska

- Russian Territory until purchased in 1867
- 1805 First cargo of Russian Furs exported
- 1880 Gold discovered near Juneau
- 1882 First canneries
- 1897 Gold discovered in the Klondike



Comparison 1900's to today

Lower 48 States:

- Corps mission expands to include hydropower and flood control
- Eventually recreation and environmental restoration added
- 1914 - Panama canal built
- 1921 – Port Authority of New York and New Jersey established

Alaska:

- 1904 cable from Alaska to Lower 48 for telegraph system
- 1954 DEW line system started
- Becomes 49th state in 1959
- 1968 oil and gas discovered on North Slope
- 1974 construction begins on TransAlaska Pipeline System
- 1989 Exxon-Valdez spills 11 million gallons of oil in Prince William Sound

In Congress:

1902 – Board of Engineers decides which projects to construct

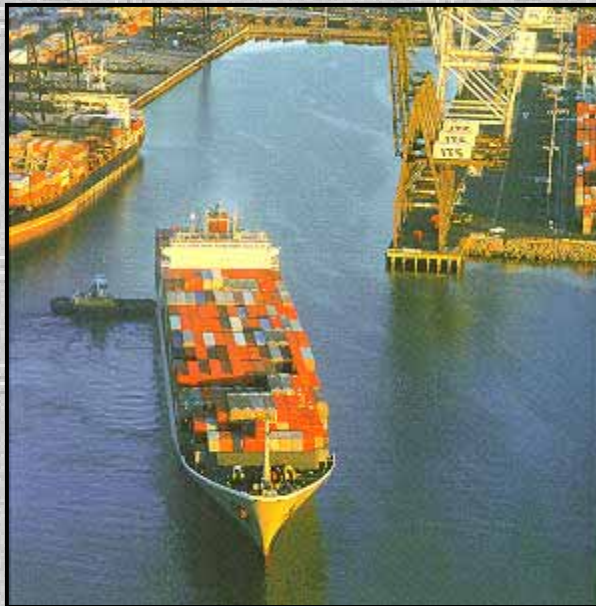
1986 – Corps projects require cost sharing; prior to this date all were 100% federal cost

1992 – Board terminated and Congress decides which projects to construct



Conclusion

- Nation's focus today is maintenance of infrastructure.
- Alaska's focus is providing basic infrastructure.
- What is needed?
- What partnerships are needed?



Port of Long Beach



Needs of Alaska