

Alaska Communities at Risk Science Panel Alaska Forum on the Environment



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Alaska Department of Transportation and Public Facilities

- Over 14,000 Miles of Public Roadway
- Over 5,600 Miles of State owned road
- 845 Bridges
- 257 Rural Airports
- 28 Harbors
- 720 Buildings (DOT owned or managed)



ADOT/PF – Maintenance and Operations

- Over 1150 M&O Employees Statewide
- 80 Maintenance Stations
- Over 150 Rural Airport Contractors
- 3899 Pieces of Equipment
- \$125M Operating Budget
- \$15M Federal PM Program
- \$3-20M Deferred Maintenance
- Currently spend approximately \$10M combating warming and melting Permafrost



DOT&PF AIRPORTS IN ALASKA

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Prepared By The
ALASKA DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF PROGRAM DEVELOPMENT
STATEWIDE GIS / MAPPING SECTION

In Cooperation With The
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
AND
FEDERAL AVIATION ADMINISTRATION

LEGEND

- Airport (DOT&PF Controlled) 
- National Highway System 
- Alaska Highway System 
- Road System 
- Ferry Routes 
- Railroad 
- DOT&PF Region Boundary 



Potential Climate Change Impacts

- Melting/Warming permafrost
- Increased storm frequencies and intensity
- Increased Coastal erosion due to lack of sea-ice
- Increased river and shore erosion
- Sea-level rise
- Increasing temperatures



Nome-Council Road



Copper River Highway

What is ADOT & PF Doing Now

- Shoreline Protection
- Relocation
- Evacuation Routes/Shelters
- Flood Mitigation
- Drainage Improvements
- Permafrost Protection

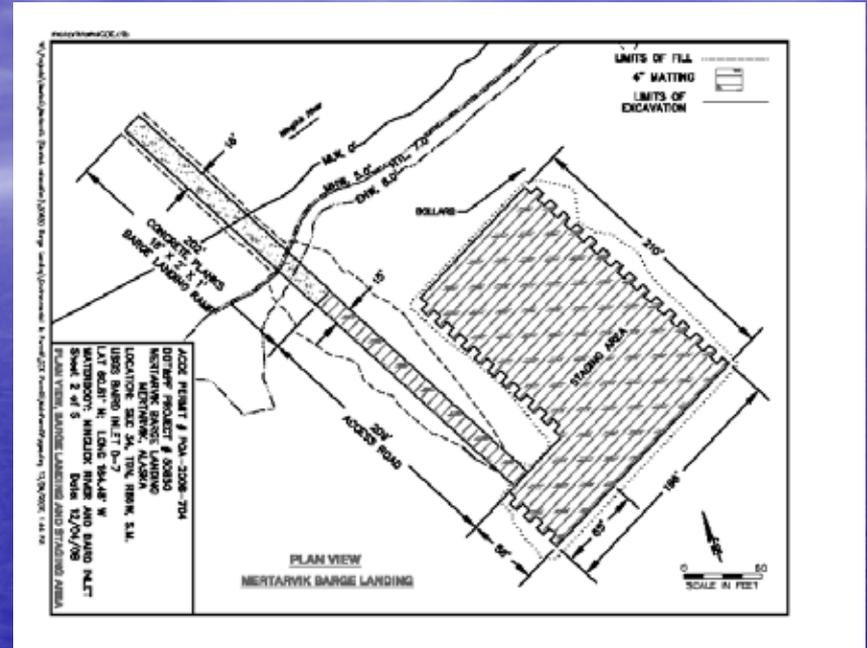


Newtok Relocation

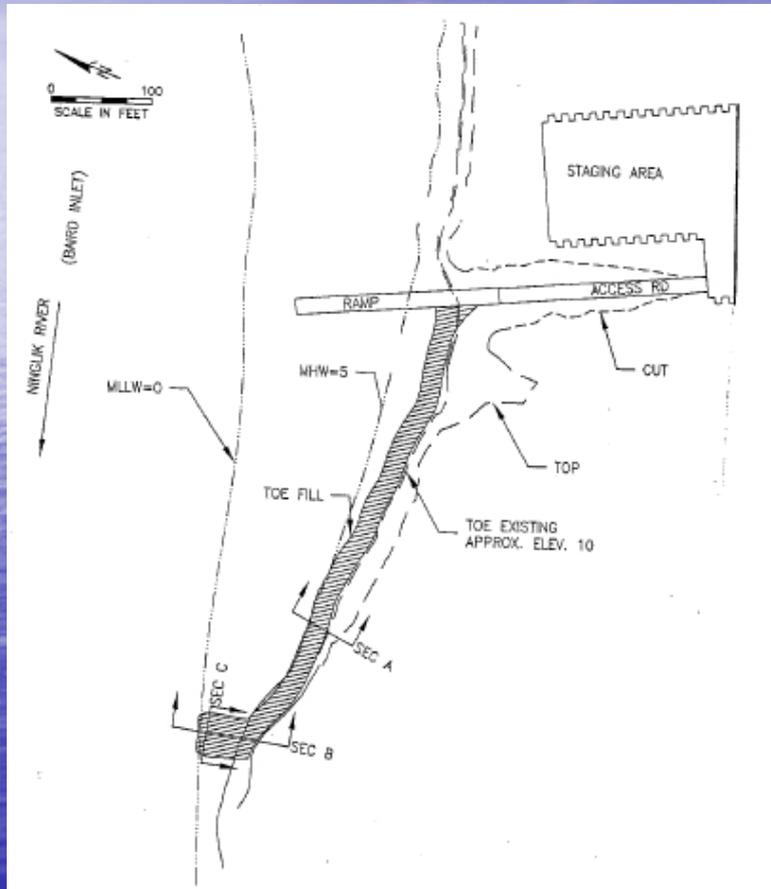


ADOT/PF's Involvement

- Designed and constructed new barge landing facility
- Working with the USACE on road design and permitting
- Purchasing all road materials for the IRT
- Will oversee road construction this summer
- Overseeing the design and construction of the evacuation shelter (2011)



Modified Barge Landing



The Military Arrives



Barge Landing and Staging Area



IRT Base Camp



The Future



Thank You



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