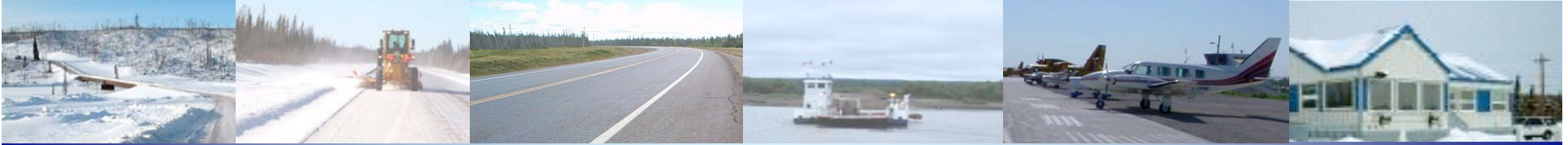
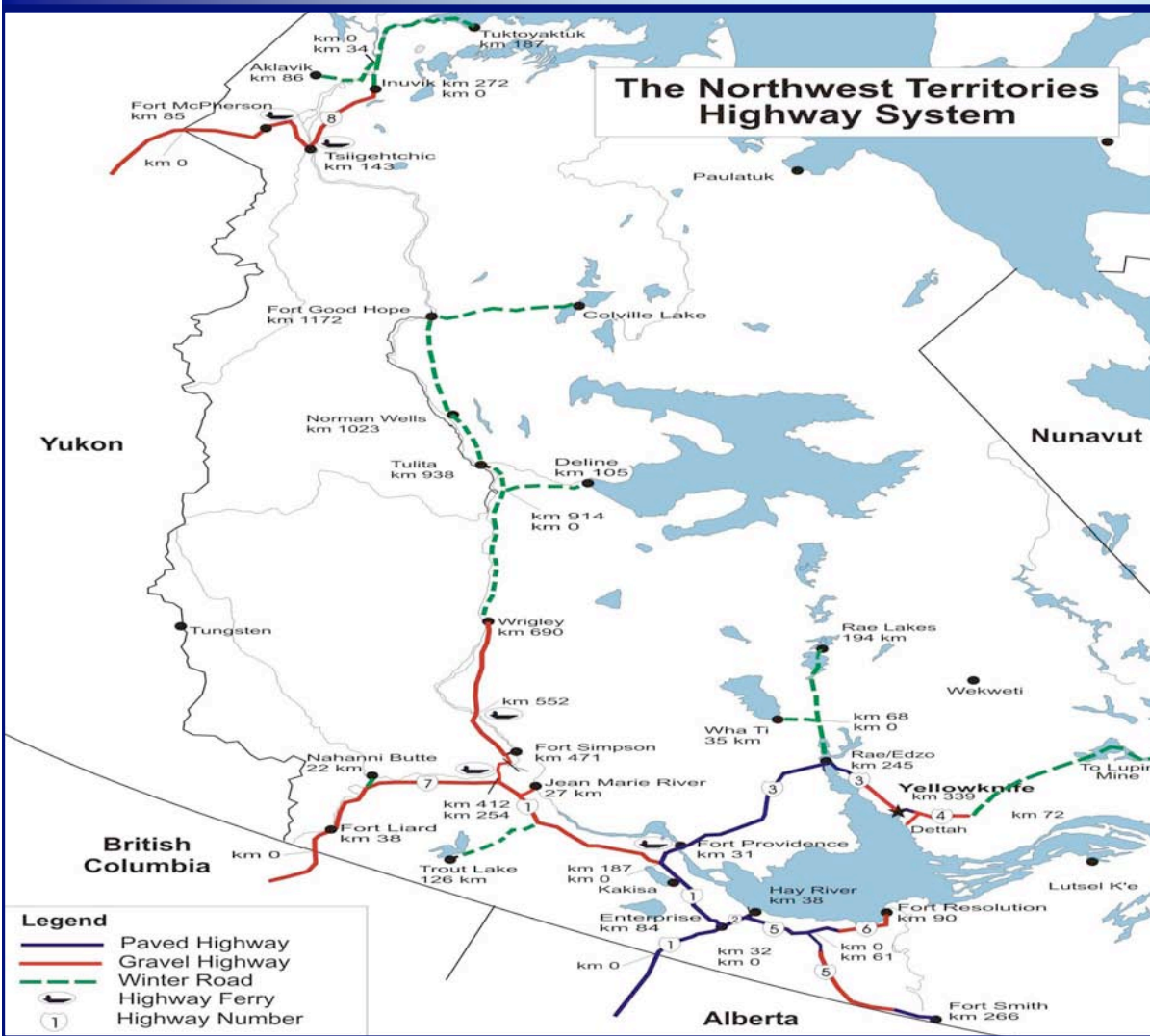


Northwest Territories Transportation Infrastructure Challenges and Opportunities

Delivered by Mr. Russell Neudorf
Deputy Minister, GNWT Department of Transportation



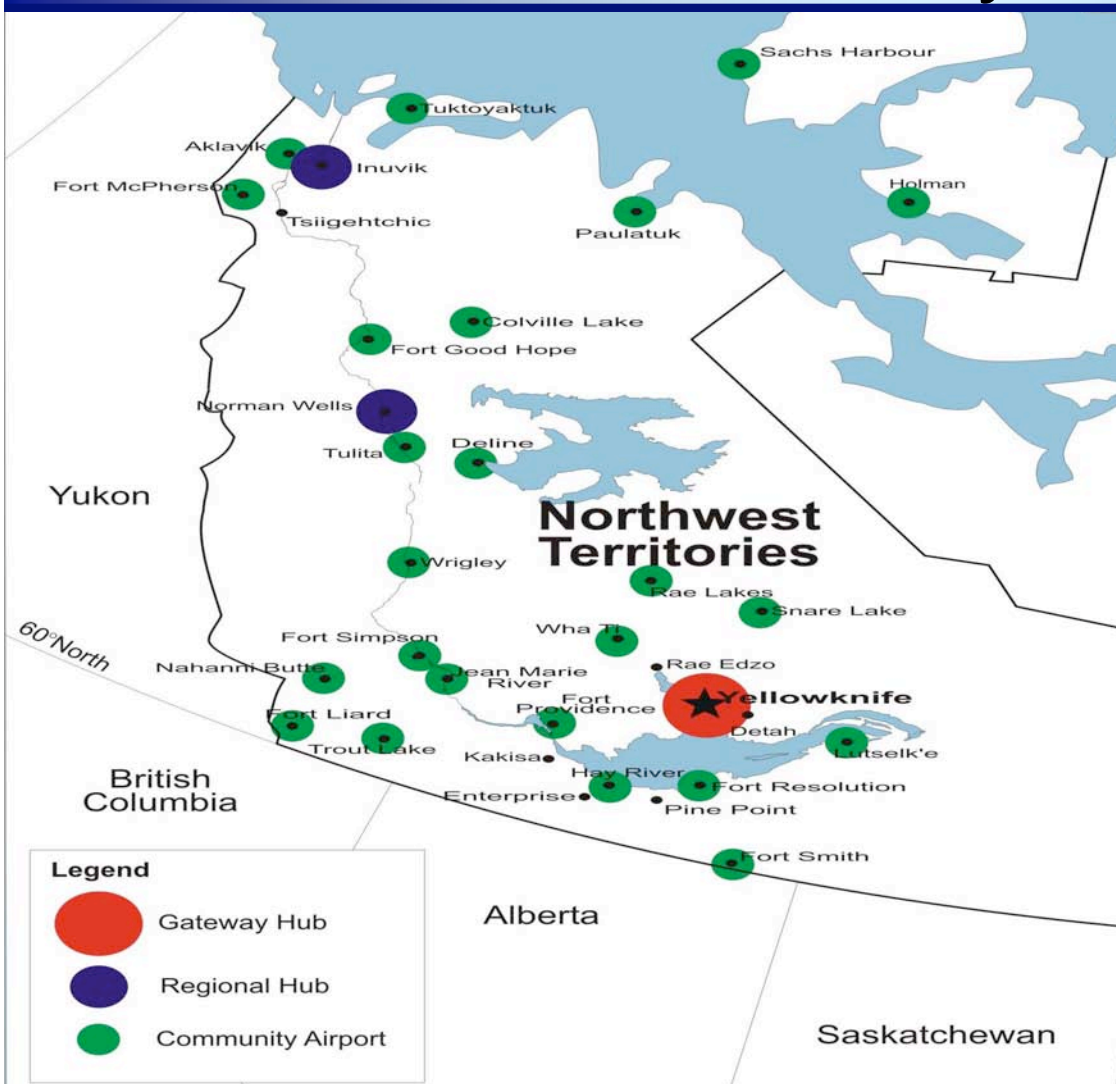
Surface Transportation



- 2200-kilometres of all-weather road
- 1450-kilometres of publicly constructed winter road
- Only 16 of 33 communities have all-weather road access
- Only 1/3 of land area is within 100 kilometres of a highway



Air System

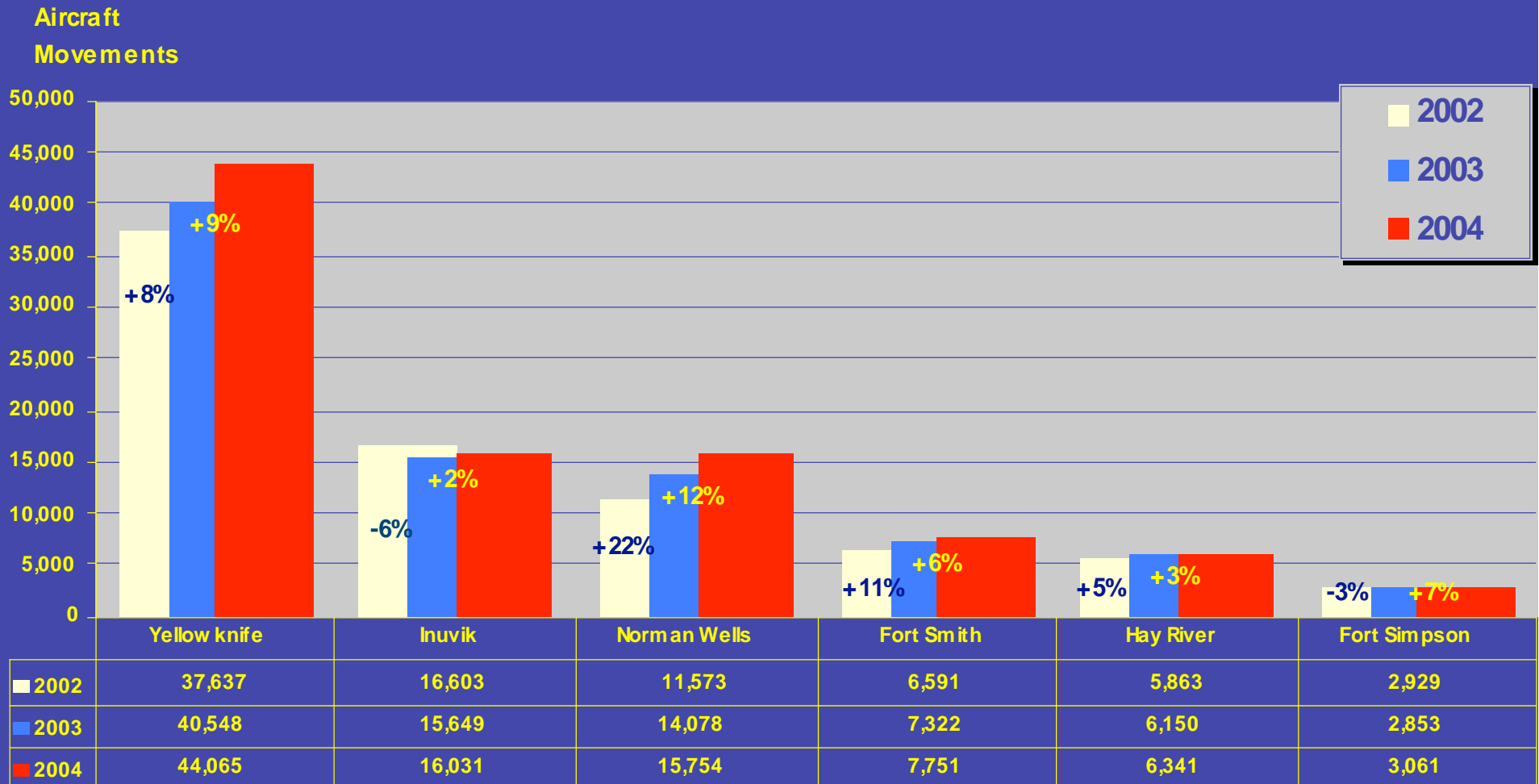


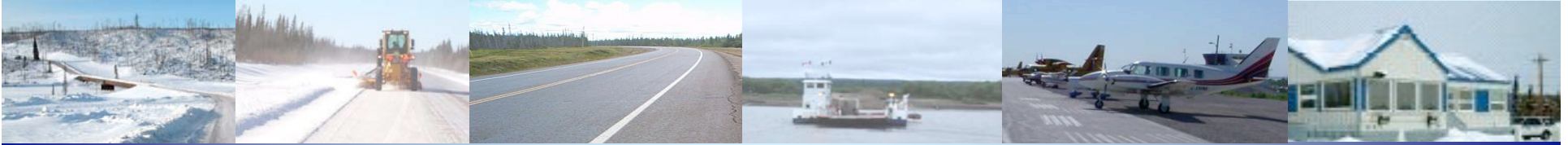
- 27 Public Airports in the NWT
- Yellowknife serves as the gateway hub to the south
- Norman Wells and Inuvik are regional hubs
- 24 other community based airports



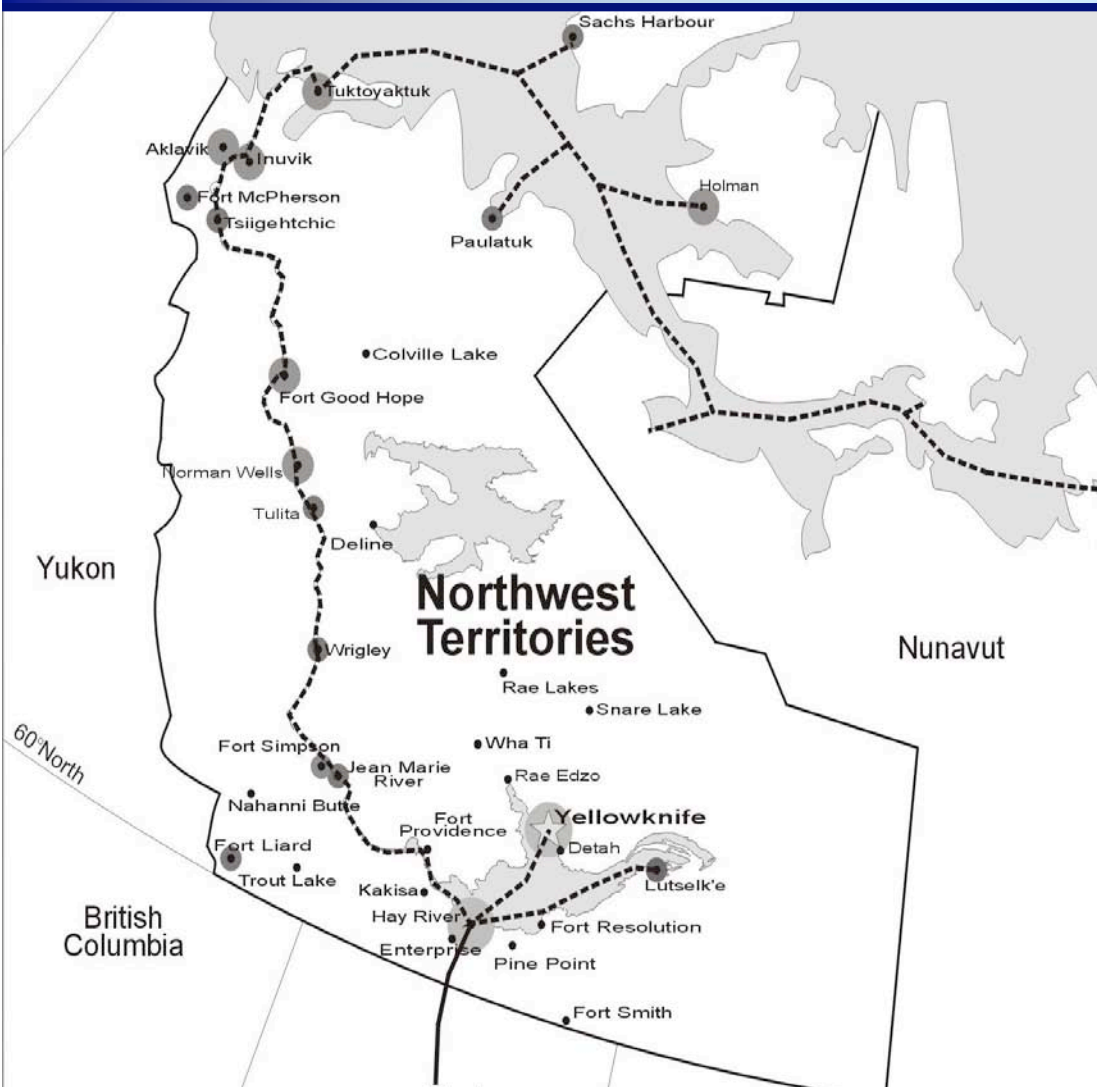
Air Traffic Statistics

Total Aircraft Arrivals and Departures: 2002-2004

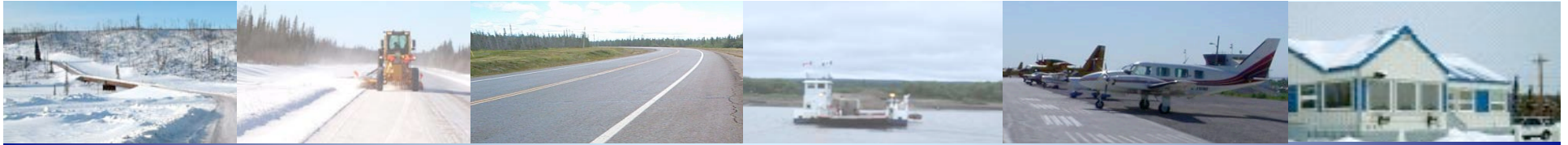




Marine and Rail



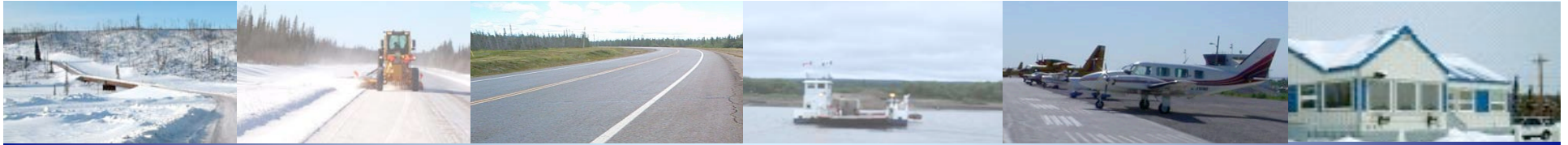
- Primarily serves community resupply and oil and gas industry
- Privately owned rail service to Hay River
- Hay River serves as the Marine/Rail hub
- Privately owned barge services
- Coastguard resupply facilities maintained by the GNWT



Challenges

- Pressures of Resource Development
- Aging Infrastructure
- Fiscal and Human Resource Pressures
- Public Expectations
- Regulatory Burden
- Natural Environment

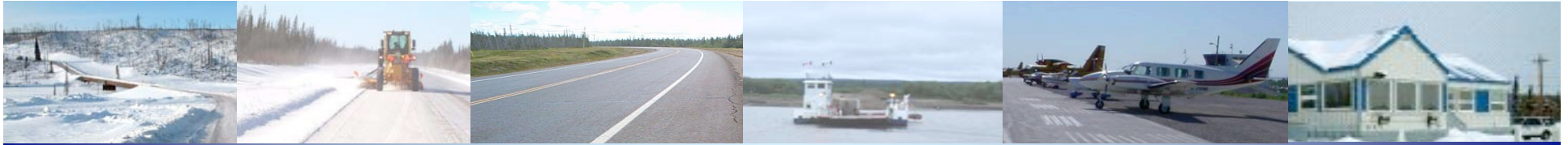




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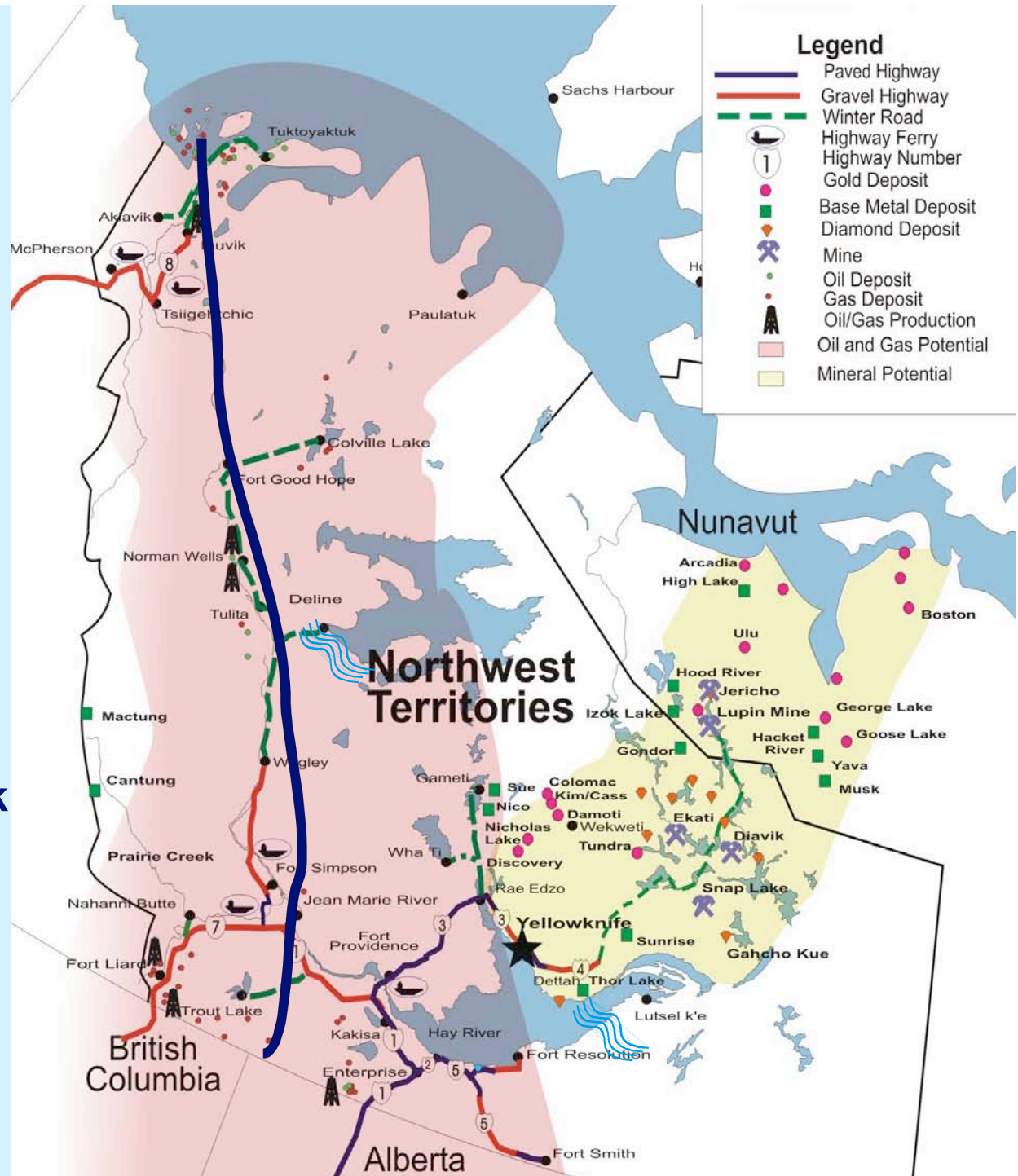


Challenges

- Pressures of Resource Development
 - Protecting safety of the travelling public
 - Limited capacity and system reliability
 - Need for upgrades at specific points in the transportation system
 - Increased costs of operation & maintenance

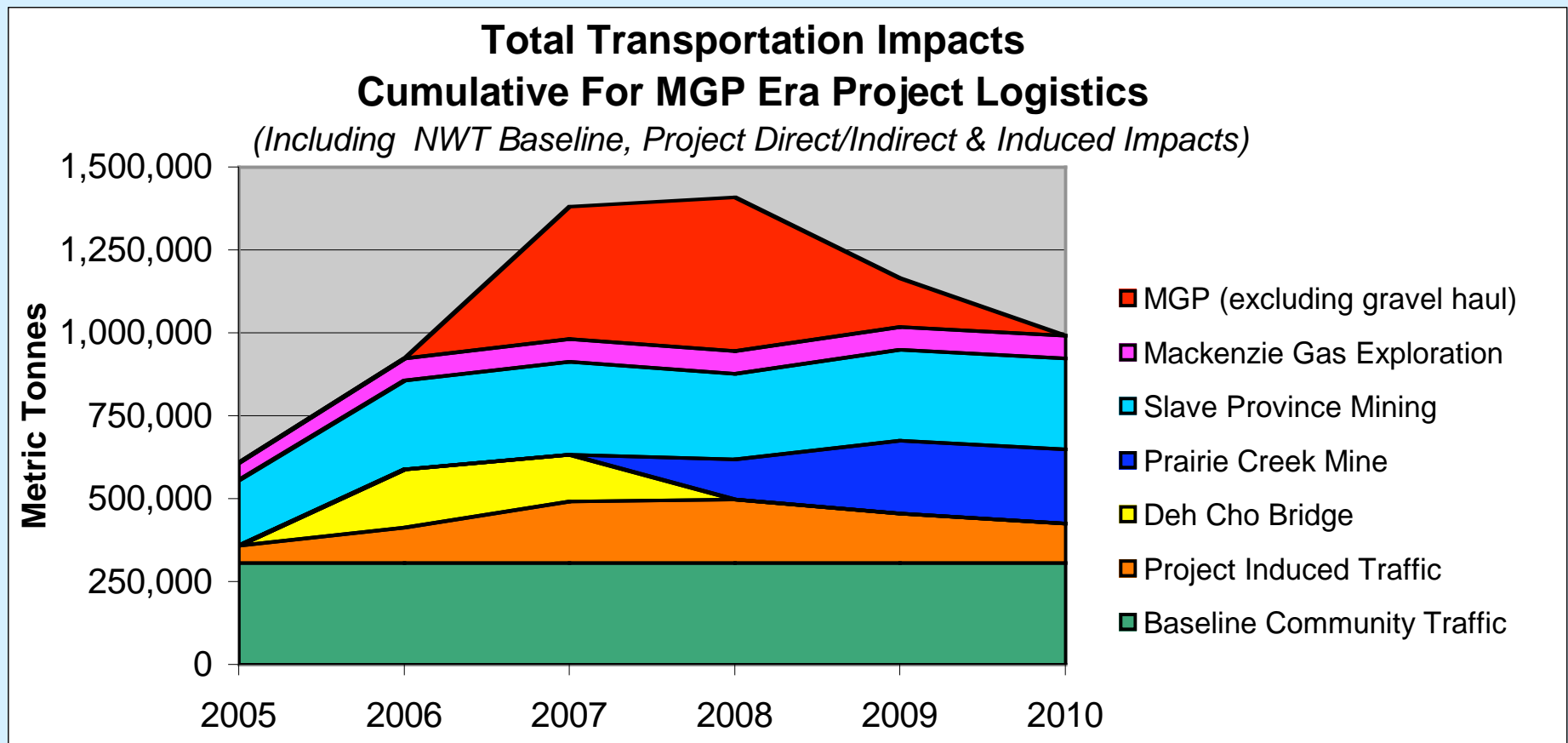


- **Diamonds:** Ekati, Diavik, Snap Lake, Jericho and Gahcho Quay
- **Mackenzie Gas Project**
- **Oil and Gas:** Exploration and future development
- **Minerals and Base Metals:** Exploration, Lupin Gold Mine, High Lake Mine, Prairie Creek Mine
- **Hydroelectricity:** Talston and Bear River





Projected Traffic Statistics

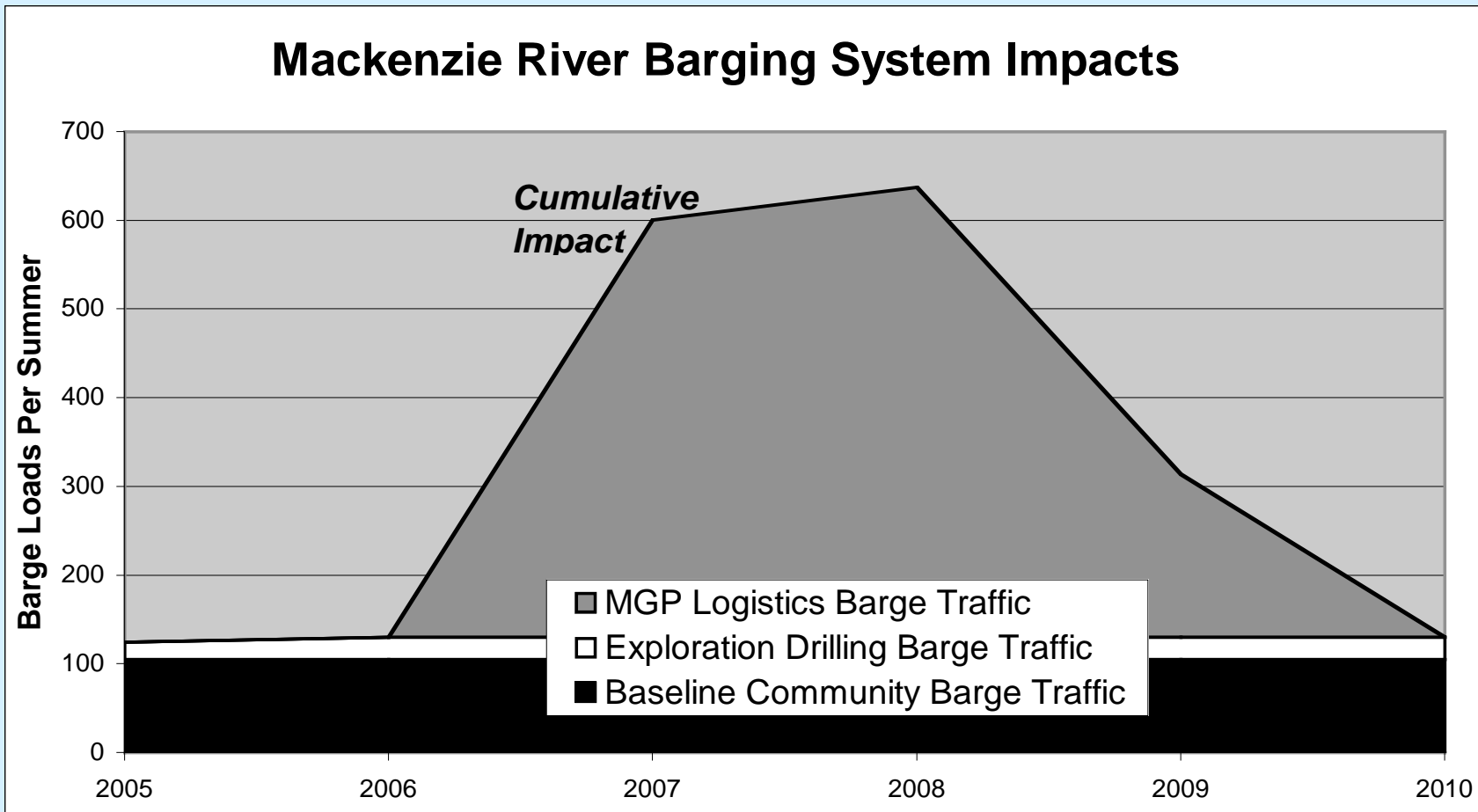


- In 2000, transportation total was 300,000 tonnes
- In 2005, with Resource Developments total is 600,000 tonnes
- In 2008, at the peak of MGP Project, total will be 1,400,000 tonnes (excluding short haul)

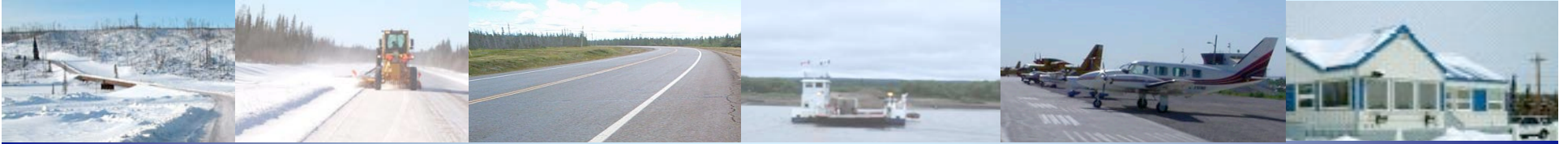


Projected Barge Traffic

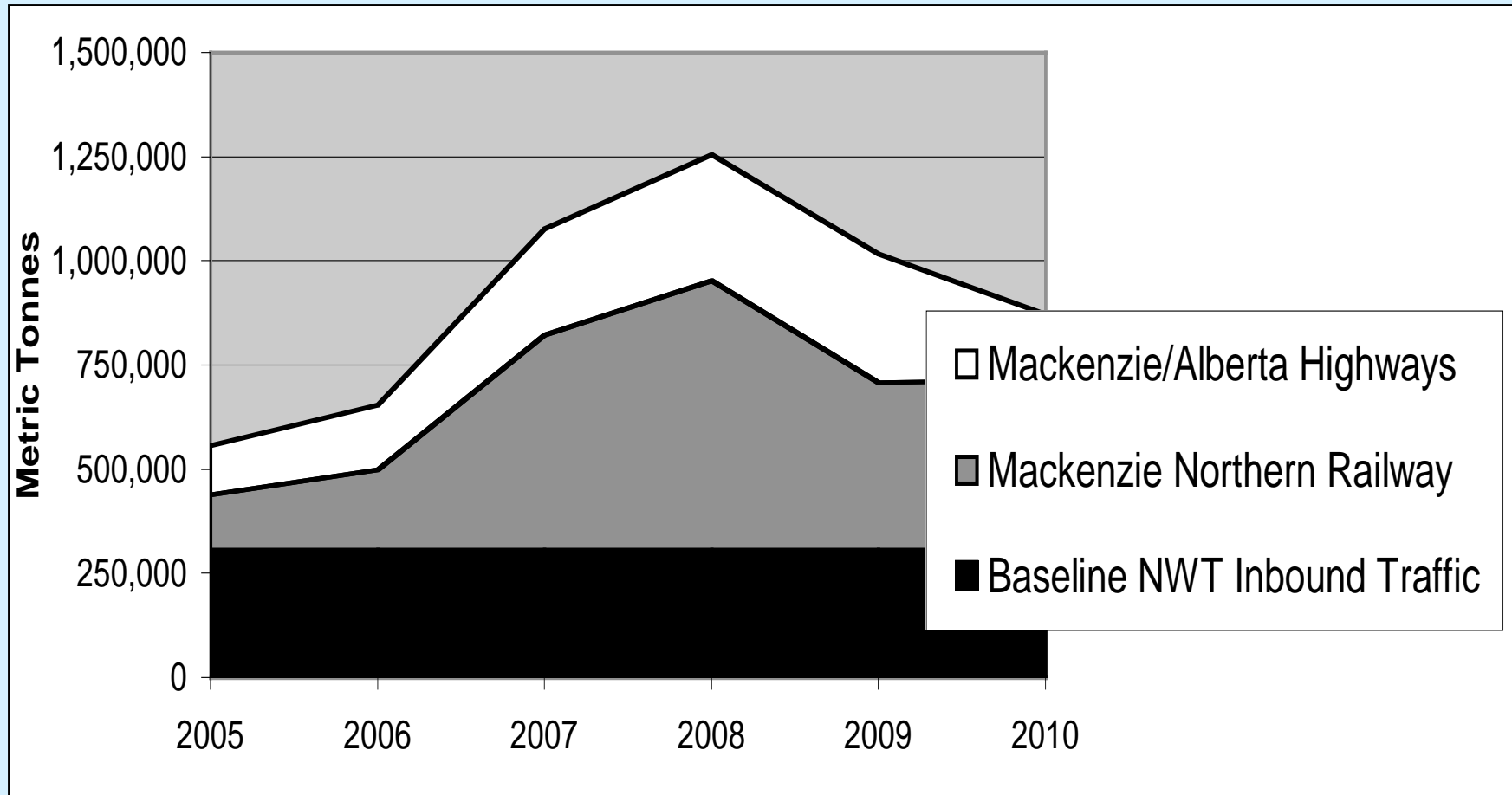
Mackenzie River Barging System Impacts



- Oil and gas exploration 30% over baseline barge loads
- MGP Construction 600% over baseline barge loads



Projected Rail/Truck Traffic



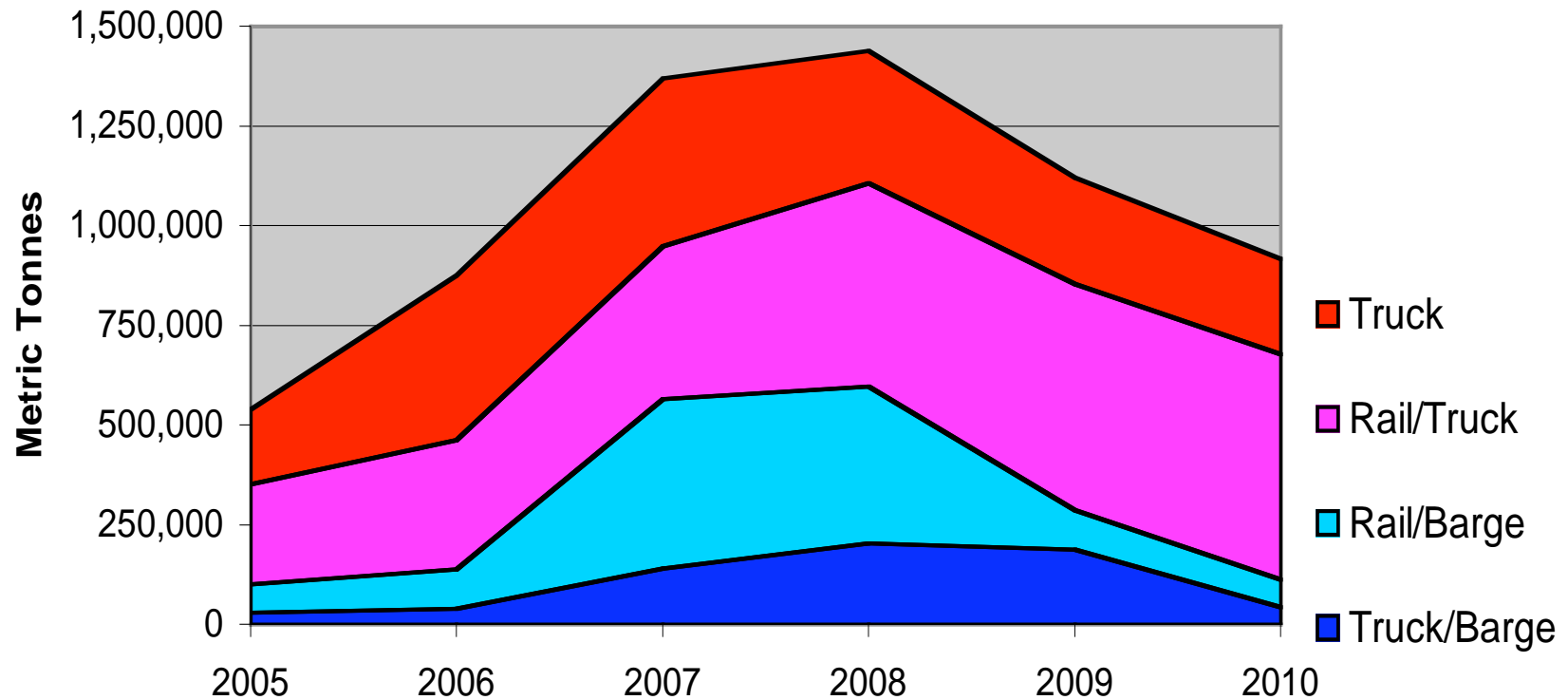
Congestion expected at Hay River/Enterprise Multimodal Gateway

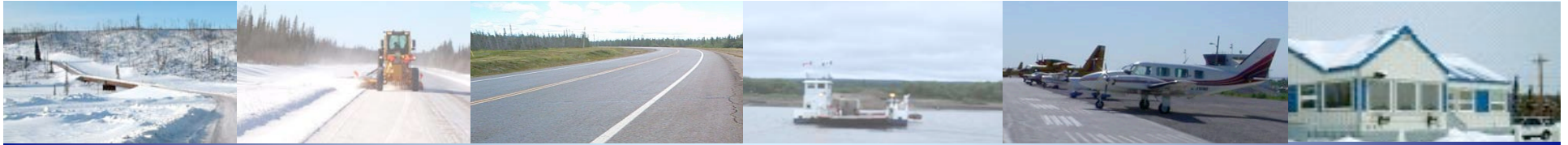


Multimodal Traffic Projections

Total Transportation Impacts Cumulative For MGP Era Multi-Modal Logistics

(Including NWT Baseline, Project Direct/Indirect & Induced Impacts)

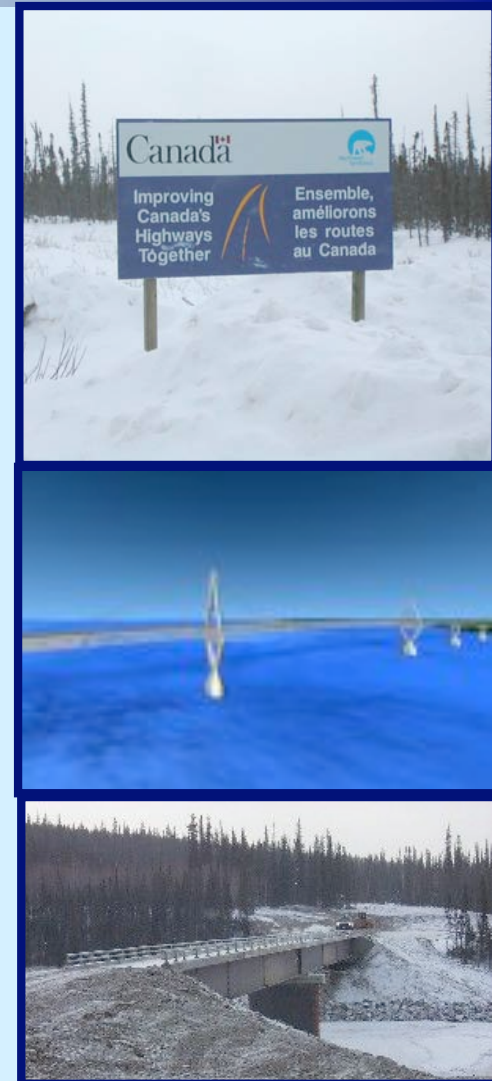


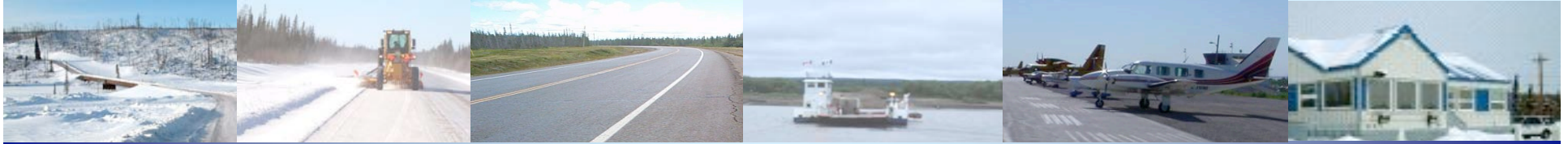


Opportunities

Current Partnerships

- Deh Cho Bridge
- Canada Strategic Infrastructure Fund (CSIF)
- Corridors for Canada
- Mackenzie Valley Winter Road Improvements (DIAND, CSIF, Industry)
- Airport Capital Assistance Program
- Intelligent Transportation Systems



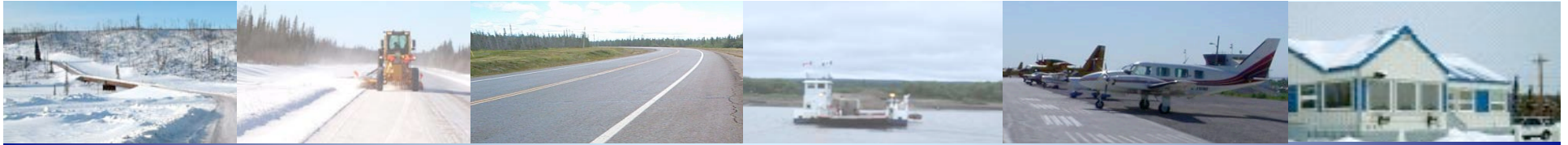


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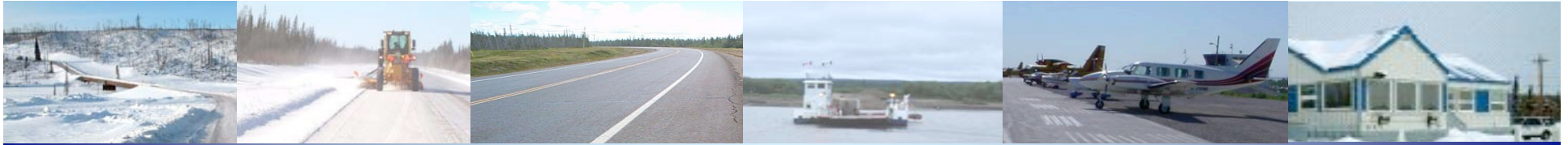


Opportunities

Future Partnerships

- Infrastructure Fund Renewal
 - Corridors for Canada II
- Mackenzie Valley All-Weather Road
 - Connecting Canada
- National Transportation Strategy
- Tlicho Road Improvements
- Polar and High Latitude Route Traffic
- Northern Safety and Security



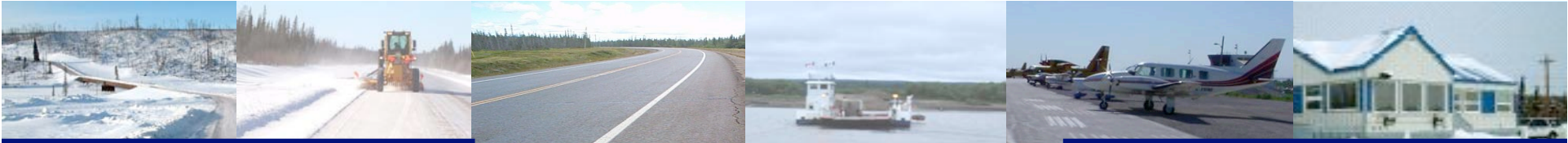


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Thank You



AKLAVIK



JEAN MARIE RIVER



LUTSEL K'E



HOLMAN



TUKTOYAKTUK



NORMAN WELLS