

DEPARTMENT OF ECONOMIC DEVELOPMENT AND TRANSPORTATION

# Report on the Community Transportation Initiatives Program 2016-17



# Executive Summary

The purpose of this report is to present a summary of projects proposed and completed under the Community Transportation Initiatives Program (CTIP) in fiscal year 2016-17 and to provide insights into the effectiveness of the program.

Proposal requests totalling \$2,553,000 for community access road projects were received from twenty-one communities. The total funding available in the amount of \$1,500,000 was used to provide communities with road and trail upgrades and extensions, new trails, the installation of a bridge and the engineering and design work required for a future bridge installation.

Proposal requests totalling \$831,365 for community marine projects were received from thirteen communities. The total funding available in the amount \$538,000 was used to provide upgrades to community docks, breakwaters, sealift and marshalling areas, the provision of mooring bollards and the upgrade of a barge pushout area that was damaged by erosion.

The report provides a summary of both the community access road and marine projects that were undertaken in Nunavut in 2016. A project summary is attached.

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# Background

The Department of Economic Development and Transportation (EDT) announced the creation of a new Community Transportation Initiatives Program effective in fiscal year 2015-16. This new program combined the former Community Access Roads Program with the former Small Craft Harbours Program. The funding was increased to a total of \$2 million (which continues to include \$500 thousand in capital for the Small Craft Harbours Program), a \$1 million increase from the amount previously available for these programs.

The Program provides financial contributions and technical assistance to Nunavut communities for the construction and maintenance of community access roads and local boating facilities in support of local recreation and subsistence harvesting activities. It is application-based, with funding allocated to communities based on the merit of the project proposals and level of community support.

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Annual disbursements are structured to maximize the total number of communities receiving contributions. Community involvement, community benefit, cost, and mitigation of potential environmental impacts are considered within the evaluation of project proposals.

# Baffin Region Projects

## Regional Summary (Access Roads)

In 2016, ten Baffin communities submitted proposals totalling \$773,000 for access road projects. All ten received a contribution to assist with their projects. The total contribution provided was \$418,000 or 54% of the amount requested.

Two of the communities were not able to use the \$33,000 in funding provided due to lack of equipment and sufficient resources to complete the proposed projects.

The eight communities that were able to initiate access road work used the funding to extend existing roads or trails, start new ones or upgrade their existing roads.

## Regional Summary (Marine projects)

Four communities in the Baffin were provided with \$310,165 of funding for the upgrading of docks, improvements to breakwaters and beach areas and for the installation of mooring bollards.

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## Arctic Bay

**Victor Bay to Nuvua (Victor Point) Access Road** – This is a multi-year project which will result in a road connection from the road to Victor Bay to Victor Point. When the road is completed it will cover a distance of approximately 16 kilometers. To date all of the culverts required for construction have been purchased and roughly one kilometer of road has been built. Progress has been slow due to lack of available equipment and lack of road building expertise. The hamlet received a contribution of \$80,000 in 2016-17 for this project.

## Clyde River

**Access Road from Clyde River to Cape Christian** – The hamlet sought funding to improve sections of the Cape Christian road and to provide access from that road to popular fishing and boating sites. In 2016 the \$50,000 of funding provided through CTIP helped to build two kilometers of road to the beach site, and two additional kilometers of road heading north toward the Kuviniq area. The goal is to provide a trail system approximately 40 kilometers in length that will lead to Kugaaluk, popular fishing grounds that are well-known to Clyde River residents.

## Hall Beach

**Hall Beach to Hall Lake Road** – This access trail will connect local residents to Hall Lake which provides easy access for hunting and fishing throughout the year. This is a multi-year project which is nearing completion. Funding in the amount of \$25,000 was provided in 2016 to assist with the completion of the road. Work included the addition of gravel to three kilometers of road as well as grading for approximately 15 kilometers of road. Once the trail is completed it will link Hall Beach with Hall Lake, a distance of roughly 20 kilometers.

## Igloolik

**Local trail upgrades** – Many of the local trails required upgrades such as reinforcement of ditches and culverts and the removal of debris and large rocks from certain trails. The hamlet was provided with \$40,000 to assist with the improvements required for these trails.

**Upgrade community dock** – Funding in the amount of \$25,000 was provided to the hamlet to assist in improving the dock area. Improvements included grading of the entranceway, installation of

garbage bins and re-enforcement of the breakwater where required.

## Iqaluit

**Breakwater and Causeway Improvements** – A contribution of \$25,000 helped to remove large boulders from the boat landing areas, upgrade the breakwater dock and grade access to the causeway.

## Pangnirtung

**Construction of Kuullik Trail** – This trail is an important route for local residents especially in early winter and late spring when there is limited access to other areas due to the breakup of ice around the entrance to the fiord. This is a multiyear project to ensure that the trail is well maintained to prevent further erosion. The hamlet received \$40,000 in 2016 to assist with trail improvements.

**Shoreline Improvements** – A contribution of \$15,500 was provided for the construction of garbage bins near the beach area to help keep the area free of debris.

## Pond Inlet

**Salmon River Access Trail** – This is a multiyear project that will connect Pond Inlet to Salmon River, which provides access to fishing, camping and shelter for boats. In 2016, \$50,000 was provided to extend the trail and to provide required upgrades. Approximately one kilometer of trail was constructed from Salmon Creek to Salmon River.

**Install Mooring Bollards** – The lack of proper mooring bollards for the anchorage of vessels during the annual fuel resupply activity was identified as a safety issue. Funding was provided for the installation of two bollards near the tank farm to ensure that the fuel resupply could be safely executed in the future. The hamlet was provided with a contribution of \$244,665 for this purpose.

## Qikiqtarjuaq

**First Mountain Road upgrade** – Approximately five kilometers of trail was completed on this multiyear project in 2016. Much of the work focused on the road that leads to Old Broughton, a popular site used to check ice conditions. The hamlet

was provided with a contribution of \$60,000 to help with this project.

## Sanikiluaq

**Pullalik Trail** – A contribution of \$40,000 was provided for upgrades that were required on a section of the trail beyond the Pullalik Bridge in 2016. This section has been improved and will allow for safe passage of residents to the area. The bridge is approximately 30 kilometers from Sanikiluaq.

# Kivalliq Region Projects

## Regional Summary (Access Roads)

In 2016, all seven (7) Kivalliq communities submitted proposals totalling \$1,167,000 for access road projects. They all received a contribution to assist with their projects. The contributions provided totaled \$710,000 or 61% of the amount requested.

The funding was used to extend existing roads/trails, start new ones or to maintain and repair their existing roads. One community used the funding to obtain the services of an engineer to provide a design and cost estimate to support a future proposal for a new bridge.

## Regional Summary (Marine projects)

Five Kivalliq communities were provided with funding in the amount of \$192,000 to upgrade docks and marshalling areas and to upgrade a barge pushout area that required emergency work in order to accommodate the annual sealift operation.

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## Arviat

### **Road to Maguse River –**

Approximately two kilometers of road from Arviat to the Maguse River was completed in 2016. This is a traditional pathway used by hunters to gain access to popular hunting and fishing grounds. A contribution of \$90,000 was provided to perform this work.

### **Upgrade Community Dock**

– A contribution of \$60,000 was provided to upgrade the community dock, beach landing areas and marshalling areas.

## Baker Lake

### **Prince River Access Trail –**

This is a multi-year project that will establish a trail from Baker Lake to Prince River. This area is a prime area for fishing and camping activities. It is also a potential destination for tourists. In 2016 approximately 1.5 kilometers of trail was built. A contribution of \$60,000 was provided to perform this work.

### **Upgrade of Barge Pushout Area –**

The erosion of land around the barge out area required emergency upgrades in order to handle the annual sealift area in a safe manner. A contribution of \$40,000 was provided for these upgrades.

## Chesterfield Inlet

### **Josephine River Project Phase 2 –**

This is a multi-year project which will provide residents access to fishing and hunting grounds near the Josephine River. In 2016, approximately six kilometers of road was built. A contribution of \$100,000 was provided to perform this work in 2016.

## Coral Harbour

### **Isuuralik Trail to Duke of**

**York Bay** – This is a long term multi-year project which has been continued for the past 14 years. When completed, the trail will link Coral Harbour with the Duke of York Bay and its hunting and fishing grounds. The area is also of interest to tourists. In 2016, \$220,000 was provided to continue the construction of the road. A total of 5.5 kilometers of road was completed during the 2016 construction season.

### **Pre-Engineering Work – Rocky**

**Brooke Bridge** – A contribution of \$20,000 was provided to the hamlet to prepare a preliminary design report and a cost estimate for the replacement of the makeshift bridge that is currently in place. The design and cost estimate will be used to support a future proposal for a new bridge.

## Naujaat

### **Access to North Pole River –**

This is a multi-year project with the final destination being the North Pole River. The road provides access to harvesting areas, aggregate sources, and tourism and heritage sites. A contribution of \$75,000 helped to complete approximately six kilometers of road work during 2016.

### **Upgrade Beach Landing Areas –**

A contribution of \$45,000 was provided to upgrade the community's docking and marshalling sites.

## Rankin Inlet

### **Local access road improvements -**

Funding in the amount of \$70,000 was provided to improve the community access road from Rankin inlet to five major access points in the community. These roads provide access to prime hunting spots and family excursion locations.

### **Dock Upgrade at**

**Johnson's Cove** – A contribution of \$17,200 was provided to resurface the dock with gravel and to replace two beams at the bottom of the wharf.

## Whale Cove

### **Access road to Wilson River –**

Funding in the amount of \$75,000 was contributed to allow for the continuation of the access road to Wilson River (Akkuq). This road is widely used by the community for traditional activities such as hunting, fishing and camping.

### **Upgrade Floating Dock –**

A contribution of \$30,000 was made for upgrades required to the dock due to ice damage it sustained during the winter. The contribution also allowed for the installation of the community's floating dock.

# Kitikmeot Regional Projects

## Regional Summary (Access Roads)

In 2016, four Kitikmeot communities submitted proposals totalling \$613,000 for access road projects. They all received a contribution to assist with their projects. The total contribution provided was \$395,000 or 64% of the amount requested.

The funding was used to upgrade sections of two existing roads, to complete an existing trail and to complete the construction of a bridge.

## Regional Summary (Marine projects)

Two Kitikmeot communities were provided with funding in the amount of \$27,500 to assist with the upgrade of a sealift area and to help revitalize and improve a community's waterfront area.

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*The total contribution provided was \$395,000 or 64% of the amount requested.*

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## Gjoa Haven

### **Swan Lake River Bridge –**

The installation of this bridge was accomplished over a two year timeframe and completed in 2016. The bridge connects the community with traditional camping grounds and, fishing sites. The total cost of the bridge was \$409,000, consisting of expenditures of \$194,000 in 2015 and \$215,000 in 2016.

## Kugaaruk

### **Improvements to Barrow Lake**

**Access road** – A contribution of \$25,000 was made to provide improvements to this much travelled road. The road provides access to many lakes and rivers that are used by local residents for fishing and camping activities.

### **Community Dock Upgrades –**

A contribution of \$2,500 was provided to assist with the preparation of the sealift area to ensure that it was free of rocks and debris for the annual sealift operation.

## Kugluktuk

### **Road to Kugluk/ Bloody**

**Falls Park** – This multi-year project was completed in 2016 and provides a 3.2 kilometer access road from the hamlet to the park entrance. A contribution of \$120,000 allowed for the construction of the final 1.1 kilometers of road needed to complete the project.

### **Waterfront Revitalization –**

A contribution of \$25,000 was provided to assist with the community's Waterfront Revitalization project. The project included the levelling of the boat launch area, provision of signage and buoys at the beach area and the planning required to construct a mini floating marina.

## Taloyoak

### **Upgrades to Red Fish**

**Access Road** – A contribution of \$35,000 was provided for upgrades required to the road. Approximately eight kilometers of road was repaired during the summer of 2016.

# Summary and Recommendations

In 2016 the funding available under the Community Transportation Initiatives Program (CTIP) enabled 22 Nunavut communities to improve both their road and trail inventory and their marine infrastructure inventory. These improvements allow for local residents to access traditional hunting, fishing and camping sites in a safe manner by both land and water.

The program allows communities to decide for themselves which projects provide the best use of government funds. Communities do have challenges that must be overcome in order to complete their projects as proposed, including: a short construction season, limited equipment, limited access to engineering expertise and limited funding.

Each year the CTIP is over-subscribed, which means that the acquisition of needed infrastructure has to be acquired over a long period of time. As the road inventory increases so do the costs of mobilization and the need for other costly infrastructure such as bridges. An increase in

funding for this program would enable the communities to increase their road and marine inventories in a shorter timeframe.

This is the first time that an activity report has been prepared for CTIP. In preparing the report several reporting issues came to light. In order to mitigate these issues the department will prepare a template for the communities to complete as a part of their reporting requirements. This will allow for the presentation of more statistical data which will allow for a more detailed report.

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## Schedule 1 Access Road Projects

Community	Proposal Description	Requested	Awarded
Arctic Bay	Victor Bay to Nuvua (Victor Point)	\$100,000	\$80,000
Arviat	Road to Maguse River	\$218,000	\$90,000
Baker Lake	Prince River Access Trail	\$70,000	\$60,000
Chesterfield Inlet	Josephine River Project Phase 2	\$215,000	\$100,000
Clyde River	Clyde River to Cape Christian	\$60,000	\$50,000
Coral Harbour	Isuuralik Trail to Duke of York Bay	\$321,000	\$220,000
Coral Harbour	Bridge Pre-Engineering	\$26,000	\$20,000
Gjoa Haven	Swan Lake River Bridge	\$215,000	\$215,000
Grise Fiord	Access Road to Plateau Area	\$38,000	\$30,000
Hall Beach	Hall Beach to Hall Lake Road	\$25,000	\$25,000
Igloolik	Local Trail Upgrades	\$48,000	\$40,000
Kimmirut	Marking old Itidjagiaq trail	\$3,000	\$3,000
Kugaaruk	Improvements to Barrow Lake Access Road	\$50,000	\$25,000
Kugluktuk	Road to Kugluk/Bloody Falls Park	\$308,000	\$120,000
Naujaat	Access to North Pole River	\$85,000	\$75,000
Pangnirtung	Construction of Kuullik Trail	\$40,000	\$40,000
Pond Inlet	Salmon River Access Trail	\$190,000	\$50,000
Qikiqtarjuaq	First Mountain Road Upgrade	\$78,000	\$60,000
Qikiqtarjuaq	Upgrade Utaqiuvik Road	\$52,000	\$0
Qikiqtarjuaq	Complete Road to Old Broughton	\$96,000	\$0
Rankin Inlet	Local access road improvements	\$82,000	\$70,000
Sanikiluaq	Pullalik Trail	\$43,000	\$40,000
Taloyoak	Red Fish Lake Access Road	\$40,000	\$35,000
Whale Cove	Access road to Wilson River	\$150,000	\$75,000
<b>TOTAL</b>		<b>\$2,553,000</b>	<b>\$1,523,000</b>

## Schedule 2 Marine Projects

Community	Proposal Description	Requested	Awarded
Arviat	Upgrade Community Dock	\$165,000	\$60,000
Baker Lake	Upgrade of Barge Pushout Area	\$40,000	\$40,000
Igloolik	Upgrade Community Dock	\$30,000	\$25,000
Iqaluit	Breakwater and Causeway Improvements	\$50,000	\$25,020
Kugaaruk	Community Dock Upgrades	\$2,500	\$2,500
Kugluktuk	Waterfront Revitalization	\$33,000	\$25,000
Naujaat	Upgrade Beach Landing Areas	\$81,000	\$54,000
Pangnirtung	Shoreline Improvements	\$17,000	\$15,500
Pond Inlet	Install Mooring Bollards	\$244,665	\$244,665
Qikiqtarjuaq	Install Floating Docks	\$30,000	\$0
Rankin Inlet	Dock Upgrade at Johnson's Cove	\$17,200	\$17,200
Taloyoak	Consultation on Ship Access	\$60,000	\$0
Whale Cove	Upgrade floating Dock	\$61,000	\$30,000
<b>TOTAL</b>		<b>\$831,365</b>	<b>\$538,885</b>