

DEPARTMENT OF ECONOMIC DEVELOPMENT AND TRANSPORTATION



# Report on the Community Transportation Initiatives Program 2017-18



# Executive Summary

The department of Economic Development & Transportation is pleased to present a summary of projects proposed and completed under the Community Transportation Initiatives Program (CTIP) in fiscal year 2017-18, and to provide insights into the effectiveness of the program.

The Community Transportation Initiatives Program provides financial contributions and technical assistance to Nunavut communities for the construction and maintenance of community access roads, marine facilities in support of local recreation and subsistence harvesting activities, and resupply sites.

The program is application-based, with funding allocated to communities based on the merit of the project proposals and level of community support. 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.

Proposal requests totalling \$5,464,305 for Community Access Road / Marine Facilities and Dust Suppressant projects were received from eighteen (18) communities. The total funding provided in the amount of \$4,000,000 was used to provide communities with road and trail upgrades and extensions, new trails, bridge installation purchase and installation of floating docks and for the purchase and application of dust suppressant products.

Proposal requests totalling \$514,720 for Small Craft Harbour projects were received from ten (10) communities. The total funding available in the amount \$500,000 was used to provide upgrades to community docks, breakwaters , sealift, barge pushout and marshalling areas , and a new barge landing area.

The report provides a summary of the CTIP projects that were undertaken in Nunavut in 2017. 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; it also replaced, in part, funding formerly provided by the Department of Fisheries and Oceans to do annual maintenance on community re-supply sites. 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.

In 2017-18 the CTIP program was provided with one-time funding addition of \$2 million to allow for some large projects to be initiated and to allow for the purchase and application of dust suppressant in all Nunavut communities. The extra funding allowed for the purchase of \$814,000 worth of dust suppressant and allowed the initiation of several large access road and bridge projects which are not possible to undertake with the funding normally available under this program.

“  
*...the CTIP program was provided with [a] one-time funding addition of \$2 million... [allowing for] the initiation of several large access road and bridge projects... not possible... with funding normally available under this program.*  
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# Baffin Region Projects

## Regional Summary (Access Roads/ Marine facilities/Dust Suppressant)

In 2017, eight (8) Baffin communities submitted proposals totalling \$931,525 for access road projects. All eight received a contribution to assist with their projects. The total contribution provided was \$836,000 or 90% of the amount requested. The funding was used to extend existing roads or trails, start new ones or upgrade their existing roads.

One (1) community was provided funding to acquire marine facilities (floating docks) in the amount of \$300,000. This amount represents 80% of the funding requested.

Three (3) communities received dust suppressant funding in the amount of \$385,000. This amount represents 91% of the funding requested.

## Regional Summary (Small Craft Harbour projects)

Four (4) communities in the Baffin were provided with \$167,580 of funding for breakwater maintenance, shoreline cleanup, installation of floating docks, improvements to breakwaters and beach areas.

**16** proposals  
received

**16** from different  
communities

**\$ 1,688,580**  
total contributions



## 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. Approximately 3km of road was built in 2017. There was a problem with some culverts and they had to be replaced. Progress has been slow due to lack of available equipment and lack of road building expertise. The hamlet acquired a new back hoe and loader which will go into service in 2018. The hamlet received a contribution of \$80,000 in 2016-17 for this project.

**Dust Suppressant** – Dust suppressant was purchased in 2017, however, the product arrived too late in the construction season and therefore, it was not applied last year. The hamlet has indicated it will contact CGS to see if they have funding available for dust suppressant application in 2018.

## 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 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 was to provide a trail system approximately 40 kilometers in length that will lead to Kugaaruk, popular fishing grounds that are well-known to Clyde River residents. The road was successfully completed in 2017.

## Grise Fiord

### **Access road to Plateau Area**

– Due to lack of equipment and resources very little work was done on this road in 2017.

## Igloolik

### **Igloolik Point Access Road**

– Work on the 8km road consisted of repairs to those sections of the road where the culverts washed out, the installation of 8 new culverts and the spreading of gravel on sections that required it. The hamlet received \$200,000 to do these repairs.

## Iqaluit

**Breakwater and Causeway Improvements** – A contribution of \$47,080 helped to remove large boulders from the boat landing areas, upgrade the breakwater dock and grade access to the causeway. Improvements were made to the turnaround area at the causeway.

## Kimmirut

**Marking old Itidjagiaq Trail** – The hamlet was unable to do this work in 2017 due to manpower restraints. The contribution of \$3,000 was returned by the hamlet.

## 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 multi-year project to ensure that the trail is well maintained to prevent further erosion. Approximately 1.6 km of the trail is now complete. A contribution of \$190,000 was made to the Hamlet for this road in 2017. The remaining portion of the road includes very rough terrain and will be completed in 2018.

**Floating Docks** – The floating docks were purchased in 2017 and will be installed in 2018. A contribution was made in the amount of \$300,000 for this project.

**Shoreline Improvements** – A contribution of \$15,000 was provided for cleanup of the marine marshaling and beach landing areas in the community.

**Dust Suppressant** – Dust suppressant was purchased in 2017, however, the product arrived too late in the construction season and therefore, it was not applied last year. The hamlet has an old municipal vehicle that they will convert into a spreader. The suppressant will be applied in 2018.

## Pond Inlet

**Salmon River Access Trail** – This is a multi-year project that will connect Pond Inlet to Salmon River, which provides access to fishing, camping and shelter for boats. In 2017, \$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.

**Dust Suppressant** – Dust suppressant was purchased in 2017, however, the product arrived too late in the construction season and therefore, it was not applied last year. The hamlet has indicated it will contact CGS to see if they have funding available for dust suppressant application in 2018. A contribution of \$160,000 was given to the hamlet to purchase the product.

## Qikiqtarjuaq

**First Mountain Road upgrade** – Approximately three (3) kilometers of trail was completed on this multi-year project in 2017. Much of the work focused on the road that leads to Old Broughton, a popular site used to check ice conditions. There was also approximately 1 km of road completed towards the Tisuna area. The hamlet was provided with a contribution of \$100,000 to help with this project.

**Install Floating docks** – A contribution of \$30,000 was made to install and remove the community's floating docks in 2017.

## Sanikiluaq

**Expand Breakwater** – Work was done on the breakwater to extend its shorter arm allowing vehicles to turn around at the end of the breakwater. A contribution of \$75,000 was made towards this project in 2017.



# Kivalliq Region Projects

## Regional Summary (Access Roads/ Marine facilities/Dust Suppressant)

In 2017, five (5) Kivalliq communities submitted proposals totalling \$1,941,600 for access road projects. They all received a contribution to assist with their projects. The contributions provided totaled \$1,130,000 or 58% 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 (1) community was provided funding to acquire marine facilities (install a floating dock) in the amount of \$195,000. This amount represents 87% of the funding requested.

Four (4) communities received dust suppressant funding in the amount of \$254,000. This amount represents 91% of the funding requested.

## Regional Summary (Small Craft Harbour projects )

Two (2) Kivalliq communities were provided with funding in the amount of \$68,000 to upgrade a barge pushout and to perform removal dock installation and removal.

**12** proposals  
received

**12** from different  
communities

**\$ 1,647,000**  
total contributions

## Arviat

### **Road to Maguse River –**

Two small bridges were purchased to allow for permanent access to portions of the road that encounter large wash annually. The bridges were purchased, however, due to shipping delays the bridges won't be installed until the summer or 2018. Some 6km of overlay work near the bridge areas was completed. A contribution of \$250,000 was provided to perform this work.

**Dust Suppressant –** The hamlet received and applied a dust suppressant to sections of the community's roads. A contribution of \$112,000 was provided to perform this work.

## Baker Lake

### **Barge Pushout Project –**

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 \$60,000 was provided for these upgrades in 2017.

## Chesterfield Inlet

**Long Road –** This is a multi-year project which will provide residents access to fishing and hunting grounds near the Josephine River. In 2017, approximately ten kilometers of road was built. A contribution of \$300,000 was provided to perform this work in 2017.

### **Dock Installation and removal –**

A contribution of \$8,000 was provided for the installation and removal of floating docks.

**Dust Suppressant –** Dust suppressant was purchased in 2017, however, the product arrived too late in the construction season and therefore, it was not applied last year. The product will be applied in 2018.

## Coral Harbour

**Isuuralik Trail to Duke of York Bay** – This is a long term multi-year project which has been continued for the past 15 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 2017, \$300,000 was provided to continue the construction of the road. A total of 9 kilometers of road was completed during the 2017 construction season.

**Dismantle old dock and install floating dock** – The old dock was successfully dismantled, however, the materials and supplies for the floating dock did not arrive in time for the dock to be installed. Installation will take place in 2018. \$195,000 was provided for this project in 2017

**Dust Suppressant** – The product was received but not in time for application in 2017. The product will be applied in 2018. \$35,000 was contributed for the project in 2017.

## Rankin Inlet

**Local access road improvements** - Funding in the amount of \$80,000 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. Upgrade work and culvert replacement was done on access roads to tent City, Swan Lake and Dianna River Trail

**Dust Suppressant** – The product was received but not in time for application in 2017. The product will be applied in 2018. \$80,000 was contributed for the project in 2017.

## Whale Cove

**Access road to Wilson River** – Funding in the amount of \$200,000 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. In 2017, the road was resurfaced and extended by 10 kilometres.

# Kitikmeot Regional Projects

## Regional Summary (Access Roads/ Marine facilities/Dust Suppressant)

In 2017, four (4) Kitikmeot communities submitted proposals totalling \$1,008,092 for access road projects. They all received a contribution to assist with their projects. The total contribution provided was \$725,000 or 72% of the amount requested. The funding was used to upgrade sections of three existing roads, to make improvements to a bridge access road and to start the construction of a bridge.

One (1) community received dust suppressant funding in the amount of \$175,000. This amount represents 62% of the funding requested.

## Regional Summary (Small Craft Harbour projects)

Four (4) Kitikmeot communities were provided with funding in the amount of \$209,500 to assist with the development of a sealift area, upgrade a dock, and prepare a new Barge landing area and to help revitalize a community's waterfront area.

**10** proposals received

**9** from different communities

**\$ 1,109,500** total contributions

## Cambridge Bay

### Access Road to Ovayok

**Territorial Park** – \$50,000 was provided to a road to allow for easier access to the Territorial Park.

### Bridge Installation project –

The first phase of the project was completed in 2017. A contribution of \$300,000 was contributed in order to purchase, supply and install backfill and armoring of the bridge abutments.

## Gjoa Haven

### Swan Lake River Bridge –

A contribution of \$300,000 was provided to resurface the access road from the hamlet to Swan Lake.

**Dock Upgrade** – Funding in the amount of \$7,500 was provided to the hamlet to purchase an extension for the existing dock.

## Kugaaruk

### Improvements to Barrow Lake

**Access road** – A contribution of \$40,000 was made to provide improvements to this much travelled road. In 2017 the several culverts were replaced and wash out areas along the length of the road were repaired.

### New Barge Landing – A

contribution of \$100,000 was provided to build an access road to the new site. The area was leveled and many large boulders were removed from the area.

## Kugluktuk

### Waterfront Revitalization –

A contribution of \$52,000 was provided to assist with the community's Waterfront Revitalization project. The project included the addition of 200 meters of crushed aggregate to the boat launch area.

**Dust Suppressant** – The product was received but not in time for application in 2017. The product will be applied in 2018. \$175,000 was contributed for the project in 2017.

## Taloyoak

### Red Fish Access Road –

A contribution of \$30,000 was provided for upgrades required to the road. The road was graded to Middle lake with culverts added where needed.

### Sealift Access Area –

Improvements were made to the access area in order to allow the safe removal of sealift cargo from the barges. A contribution of \$50,000 was provided to this project.

# Summary and Recommendations

In 2017, the funding available under the Community Transportation Initiatives Program (CTIP) enabled 18 Nunavut communities to improve both their road and trail inventory and their marine infrastructure inventory. The funding in 2017 also allowed communities to purchase dust suppressant for municipal roads and access roads and trails. 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.

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*In 2017... the Community Transportation Initiatives Program (CTIP) enabled 18 Nunavut communities to improve both their road and trail inventory and their marine infrastructure inventory.*

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## Schedule 1 Access Road/ Marine Facilities Projects

Community	Proposal Description	Requested	Awarded*
Arctic Bay	Victor Bay to Nuvua (Victor Point)	\$100,000	\$100,000
Arviat	Road to Maguse River	\$440,609	\$250,000
Cambridge Bay	Access Road to Ovayok Territorial Park	\$55,192	\$55,000
Cambridge Bay	Bridge	\$384,820	\$300,000
Chesterfield Inlet	Long Road	\$829,520	\$300,000
Clyde River	Cape Christian to Kuuviniq	\$150,000	\$150,000
Coral Harbour	Isuuralik Trail to Duke of York Bay	\$351,471	\$300,000
Coral Harbour	Dismantle old dock & install floating dock	\$225,271	\$195,000
Gjoa Haven	Swan Lake	\$438,080	\$300,000
Grise Fiord	Access Road to Plateau Area	\$42,875	\$43,000
Igloolik	Igloolik Point Access Road	\$200,000	\$200,000
Kimmirut	Marking old Itidjagiaq trail	\$2,700	\$3,000
Kugaaruk	Improvements to Barrow Lake Access Road	\$100,000	\$40,000
Pangnirtung	Continuation of Kuullik Trail	\$159,550	\$190,000
Pangnirtung	Floating Docks	\$373,720	\$300,000
Pond Inlet	Salmon River Access Trail	\$50,000	\$50,000
Qikiqtarjuaq	First Mountain Road Upgrade	\$226,400	\$100,000
Rankin Inlet	Access road improvements (3 roads)	\$95,000	\$80,000
Taloyoak	Red Fish Lake Access Road	\$30,000	\$30,000
Whale Cove	Access road to Wilson River	\$225,000	\$200,000
<b>TOTAL</b>		<b>\$4,480,208</b>	<b>\$3,186,000</b>

\*In instances where work cannot be completed, the department will make recovery from the Municipality.

## Schedule 2 Dust Suppressant

Community	Proposal Description	Requested	Awarded
Arctic Bay	Dust Suppressant	\$216,000	\$175,000
Arviat	Dust Suppressant	\$112,208	\$112,000
Chesterfield Inlet	Dust Suppressant	\$75,750	\$76,000
Coral Harbour	Dust Suppressant	\$61,546	\$35,000
Kugluktuk	Dust Suppressant	\$280,305	\$175,000
Pangnirtung	Dust Suppressant	\$49,200	\$50,000
Pond Inlet	Dust Suppressant	\$158,260	\$160,000
Rankin Inlet	Dust Suppressant	\$30,828	\$31,000
<b>TOTAL</b>		<b>\$984,097</b>	<b>\$814,000</b>

## Schedule 3 Small Craft Harbour projects

Community	Proposal Description	Requested	Awarded
Baker Lake	Barge Pushout Project	\$60,000	\$60,000
Chesterfield Inlet	Dock Installation and Removal	\$8,000	\$8,000
Gjoa Haven	Dock Upgrade	\$10,000	\$7,500
Iqaluit	Breakwater/Causeway Maintenance	\$47,080	\$47,080
Kugaaruk	New Barge Landing	\$180,000	\$100,000
Kugluktuk	Waterfront Revitalization	\$51,640	\$52,000
Pangnirtung	Shoreline Cleanup	\$15,500	\$15,000
Qikiqtarjuaq	Install Floating Docks	\$30,000	\$30,000
Sanikiluaq	Expand Breakwater	\$62,500	\$75,000
Taloyoak	Sealift Access Area	\$50,000	\$50,000
<b>TOTAL</b>		<b>\$514,720</b>	<b>\$444,580</b>