

APPENDIX “D” – SUMMARY OF FEDERAL AND PROVINCIAL GOVERNMENT FUNDING FOR BROADBAND ACCESS

Federal and Provincial Funding Of Broadband – Completed and Planned Major Programs, 2003-2015

Jurisdiction	Program	Time	Spending	Description
Canada	Broadband for Rural and Northern Development (BRAND)	2002-2007 ¹	\$80 million ²	“matching funds to communities and their business partners to deploy broadband services in unserved areas” ³
Canada	National Satellite Initiative	Created in 2003 ⁴	\$155 million ⁵	“purchasing satellite capacity and reducing the costs of bringing broadband to the far and mid-North” ⁶
Canada	Broadband Canada: Connecting Rural Canadians	2009-2012 ⁷	\$225 million ⁸	“cover up to half of the fixed costs for extending basic broadband network coverage (i.e. download speeds of 1.5 Mbps) to around 215,000 rural households without prior access” ⁹

¹ Reza Rajabiun & Catherine Middleton, “Rural Broadband Development in Canada’s Provinces: An Overview of Policy Approaches” (2013) 8:2 *The Journal of Rural and Community Development* 7 at 11.

² Rajabiun & Middleton, *ibid.*

³ Rajabiun & Middleton, *ibid.*

⁴ Rajabiun & Middleton, *ibid.*

⁵ Rajabiun & Middleton, *ibid.*

⁶ Rajabiun & Middleton, *ibid.*

⁷ Rajabiun & Middleton, *ibid* at 12.

⁸ Industry Canada, “Broadband Canada – Connecting Rural Canadians” (accessed July 2015), online: <<https://www.ic.gc.ca/eic/site/ich-epi.nsf/eng/02120.html>>.

Jurisdiction	Program	Time	Spending	Description
Canada	First Nation Infrastructure Fund	2007-2013 ¹⁰	[\$234 million – but note broadband only one of several eligible categories] ¹¹	Total amount includes spending on several categories, including “connectivity”
Canada	Building Canada Fund	2007-2014 ¹²	[\$8.8 billion – but note broadband only one of several eligible categories] ¹³	“The Fund addresses national, regional and local infrastructure priorities” ¹⁴
Canada	Community Improvement Fund	2014-2024	[\$32 billion – but note broadband only one of several eligible categories]	“projects such as roads, public transit and recreational facilities, and other community infrastructure”

⁹ Reza Rajabiun & Catherine Middleton, “Rural Broadband Development in Canada’s Provinces: An Overview of Policy Approaches” (2013) 8:2 *The Journal of Rural and Community Development* 7 at 12.

¹⁰ Aboriginal Affairs and Northern Development Canada, “First Nation Infrastructure Fund” (accessed July 2015), online: <<https://www.aadnc-aandc.gc.ca/eng/1100100010656/1100100010657>>.

¹¹ Aboriginal Affairs and Northern Development Canada, *ibid.*

¹² Infrastructure Canada, “Building Canada Fund” (accessed July 2015), online: <<http://www.infrastructure.gc.ca/prog/bcf-fcc-eng.html>>.

¹³ Infrastructure Canada, *ibid.*

¹⁴ Infrastructure Canada, *ibid.*

Jurisdiction	Program	Time	Spending	Description
Canada	New Building Canada Fund: Provincial-Territorial Infrastructure Component	2014-2024	[\$10 billion – but note broadband only one of several eligible categories]	“projects of national, regional and local significance”
Canada	Canadian Strategic Infrastructure Fund (CSIF)	2001-2013 ¹⁵	\$150 million ¹⁶	“ad hoc projects have primarily targeted northern communities and the Atlantic Provinces (totalling approximately \$100 million), as well as Eastern Ontario (\$50 million for the Eastern Ontario Regional Network)” ¹⁷
Canada	Deferral Account Funding	2011-2014 ¹⁸	\$600 million ¹⁹	“Providing fibre and services to underserved regions” ²⁰

¹⁵ Reza Rajabiun & Catherine Middleton, “Rural Broadband Development in Canada’s Provinces: An Overview of Policy Approaches” (2013) 8:2 *The Journal of Rural and Community Development* 7 at 12.

¹⁶ Rajabiun & Middleton, *ibid* at 12.

¹⁷ Rajabiun & Middleton, *ibid* at 12.

¹⁸ Federation of Canadian Municipalities, “Broadband Access in Rural Canada: The role of connectivity in building vibrant communities” (2014) at 12, online: <http://www.fcm.ca/Documents/reports/FCM/Broadband_Access_in_Rural_Canada_The_role_of_connectivity_in_building_vibrant_communities_EN.pdf>.

¹⁹ Federation of Canadian Municipalities, *ibid*.

²⁰ Federation of Canadian Municipalities, *ibid*.

Jurisdiction	Program	Time	Spending	Description
Canada	Connecting Canadians	2014-2017 ²¹	\$305 million ²²	"provide incentives for the private sector to invest in wireless and wireline Internet services in areas of the country that previously did not have access to high-speed Internet services" ²³

²¹ Industry Canada, "Harper Government launches program to bring high-speed Internet to an additional 280,000 Canadian households" (22 July 2014), online: <<http://news.gc.ca/web/article-en.do?nid=869539>>.

²² Industry Canada, *ibid.*

²³ Industry Canada *ibid.*

Jurisdiction	Program	Time	Spending	Description
British Columbia	2006 Connecting Communities Agreement (CCA) and the 2011 Connecting British Columbia Agreement (CBCA)	2006, 2011 ²⁴	indeterminate	"TELUS agreed to maintain points-of-presence in approximately 120 communities, offer affordable wholesale access services to third party Internet service providers, upgrade network facilities, and improve rural broadband speeds. In return the BC government entered into a 10 year procurement contract with TELUS covering a wide range of telecommunications and information technology services (e.g. long distance, data, cellular, strategic services) for core ministries, health authorities, and various other public entities" ²⁵

²⁴ Reza Rajabiun & Catherine Middleton, "Rural Broadband Development in Canada's Provinces: An Overview of Policy Approaches" (2013) 8:2 *The Journal of Rural and Community Development* 7 at 15.

²⁵ Reza Rajabiun & Catherine Middleton, "Rural Broadband Development in Canada's Provinces: An Overview of Policy Approaches" (2013) 8:2 *The Journal of Rural and Community Development* 7 at 15.

Jurisdiction	Program	Time	Spending	Description
British Columbia	Community Network Infrastructure Grants Program	2005-2006 ²⁶		"provided funding for local infrastructure with grants up to a maximum of \$20,000 to enable 57 communities to complete their last mile access networks" ²⁷
British Columbia	Connecting Citizens Grant Program	2008-2011 ²⁸	\$7 million ²⁹	"allocated nearly \$7 million to approximately 150 projects led by local service providers and community organizations" ³⁰
British Columbia	BC Broadband Satellite Initiative	2013-2017 ³¹	\$2 million ³²	"funding of up to \$2 million available over multiple years to contribute towards the one-time satellite installation fee" ³³

²⁶ Rajabiun & Middleton, *ibid* at 15.

²⁷ Rajabiun & Middleton, *ibid* at 15.

²⁸ British Columbia, "Programs and Services" (accessed July 2015), online: <<http://www2.gov.bc.ca/gov/content/governments/services-for-government/information-technology/broadband-for-bc/programs-and-services>>.

²⁹ Reza Rajabiun & Catherine Middleton, "Rural Broadband Development in Canada's Provinces: An Overview of Policy Approaches" (2013) 8:2 *The Journal of Rural and Community Development* 7 at 15.

³⁰ Rajabiun & Middleton, *ibid*.

³¹ British Columbia, Office of the Chief Information Officer, "B.C. Broadband Satellite Initiative Public FAQ" (26 March 2013), online: <http://www.cio.gov.bc.ca/local/cio/networkbc/satellite/20130326_faq_broadbandsatelliteinitiative.pdf>.

³² British Columbia, "Programs and Services" (accessed July 2015), online: <<http://www2.gov.bc.ca/gov/content/governments/services-for-government/information-technology/broadband-for-bc/programs-and-services>>.

³³ British Columbia, "Programs and Services" (accessed July 2015), online: <<http://www2.gov.bc.ca/gov/content/governments/services-for-government/information-technology/broadband-for-bc/programs-and-services>>.

Jurisdiction	Program	Time	Spending	Description
British Columbia and Canada	First Nations Connectivity and Capacity Building	2009 ³⁴	\$48.8 million ³⁵	"federal and provincial government investment of \$48.8 million to the All Nations Trust Company has resulted to date 177 of 203 First Nations with Internet connection" ³⁶
Alberta	Alberta SuperNet	2005 ³⁷	\$190 million ³⁸	"high capacity fibre and fixed wireless backbone network connects about 4200 schools, municipal offices, libraries, hospitals, and other public facilities in both urban and rural areas" ³⁹

³⁴ All Nations Trust Company, "Pathways to Technology: Connecting First Nations to the world" (accessed July 2015), online: <<http://www.pathwaystotechnology.ca/about-the-project>>.

³⁵ British Columbia, "Programs and Services" (accessed July 2015), online: <<http://www2.gov.bc.ca/gov/content/governments/services-for-government/information-technology/broadband-for-bc/programs-and-services>>.

³⁶ British Columbia, *ibid.*

³⁷ Service Alberta, "Rural Internet" (accessed July 2015), online: <<https://www.servicealberta.ca/2127.cfm>>.

³⁸ Reza Rajabiun & Catherine Middleton, "Rural Broadband Development in Canada's Provinces: An Overview of Policy Approaches" (2013) 8:2 *The Journal of Rural and Community Development* 7 at 14.

³⁹ Rajabiun & Middleton, *ibid.*

Jurisdiction	Program	Time	Spending	Description
Alberta	Alberta Rural Connections: Community Broadband Infrastructure Pilot Program	2009 ⁴⁰	\$10 million ⁴¹	"allocated \$10 million in grants to 34 projects led by local governments and rural co-operative associations, primarily to assist with deploying wireless broadband networks" ⁴²
Alberta	Final Mile Rural Connectivity Initiative (FMRCI)	2012 ⁴³	\$15 million ⁴⁴	"multistage program for funding initiatives by local governments and network providers to extend connectivity to households that still lacked access to basic broadband services" ⁴⁵
Saskatchewan	SaskTel	2008 ⁴⁶	\$90 million ⁴⁷	"Investment to SaskTel to move towards 100% availability" ⁴⁸

⁴⁰ Rajabiun & Middleton, *ibid.*

⁴¹ Rajabiun & Middleton, *ibid.*

⁴² Rajabiun & Middleton, *ibid.*

⁴³ Rajabiun & Middleton, *ibid.*

⁴⁴ Rajabiun & Middleton, *ibid.*

⁴⁵ Rajabiun & Middleton, *ibid.*

⁴⁶ Federation of Canadian Municipalities, "Broadband Access in Rural Canada: The role of connectivity in building vibrant communities" (2014) at 12, online: <http://www.fcm.ca/Documents/reports/FCM/Broadband_Access_in_Rural_Canada_The_role_of_connectivity_in_building_vibrant_communities_EN.pdf>.

⁴⁷ Federation of Canadian Municipalities, *ibid.*

⁴⁸ Federation of Canadian Municipalities, *ibid.*

Jurisdiction	Program	Time	Spending	Description
Ontario	Rural Connections / Northern Ontario Broadband Initiative	2007 ⁴⁹	\$70 million ⁵⁰	"Funding to assist rural regions, and northern Ontario regions particularly, to improve broadband connectivity" ⁵¹
Ontario	Building Broadband in Rural and Northern Ontario	2008-2012 ⁵²	\$32 million ⁵³	"designed to cover one third of the capital costs of broadband projects in under-served rural areas, while private providers were expected to contribute the rest" ⁵⁴
Quebec	Communautés rurales branchées	2009 ⁵⁵	\$24 million ⁵⁶	"Funding for rural areas" ⁵⁷
New Brunswick	Broadband Access Project	2005 ⁵⁸	\$12.5 million ⁵⁹	"Program cost shared between federal, provincial, and private partners" ⁶⁰

⁴⁹ Federation of Canadian Municipalities, *ibid.*

⁵⁰ Federation of Canadian Municipalities, *ibid.*

⁵¹ Federation of Canadian Municipalities, *ibid.*

⁵² Ontario, Ministry of Agriculture, Food and Rural Affairs, "Building Broadband in Rural and Northern Ontario", (accessed July 2015), online:
<<http://www.omafra.gov.on.ca/english/rural/bbrno/index.htm>>.

⁵³ Reza Rajabiun & Catherine Middleton, "Rural Broadband Development in Canada's Provinces: An Overview of Policy Approaches" (2013) 8:2 *The Journal of Rural and Community Development* 7 at 16.

⁵⁴ Rajabiun & Middleton, *ibid.*

⁵⁵ Federation of Canadian Municipalities, "Broadband Access in Rural Canada: The role of connectivity in building vibrant communities" (2014) at 12, online:
<http://www.fcm.ca/Documents/reports/FCM/Broadband_Access_in_Rural_Canada_The_role_of_connectivity_in_building_vibrant_communities_EN.pdf>.

⁵⁶ Federation of Canadian Municipalities, *ibid.*

⁵⁷ Federation of Canadian Municipalities, *ibid.*

⁵⁸ Federation of Canadian Municipalities, *ibid.*

⁵⁹ Federation of Canadian Municipalities, *ibid.*

⁶⁰ Federation of Canadian Municipalities, *ibid.*

Jurisdiction	Program	Time	Spending	Description
Nova Scotia	Broadband For Rural Nova Scotia	2007 ⁶¹	\$19.5 million ⁶²	"Program cost shared between federal, provincial, and private partners" ⁶³
Newfoundland	Various	2004-2014 ⁶⁴	\$34 million ⁶⁵	"expand broadband internet access in rural and more remote areas of the province" ⁶⁶
Northwest Territories	Mackenzie Valley Fibre Link (MVFL)	2014-2016 ⁶⁷	\$82 million ⁶⁸	"The contract calls for construction of the fibre link, over 1,400 kilometres long, to be completed by mid-2016. The contract also includes ongoing operation of the system for a period of 20 years" ⁶⁹

⁶¹ Federation of Canadian Municipalities, *ibid.*

⁶² Federation of Canadian Municipalities, *ibid.*

⁶³ Federation of Canadian Municipalities, *ibid.*

⁶⁴ CBC News, "Province to upgrade broadband access with \$4.6-M investment" (16 July 2014), online: <<http://www.cbc.ca/news/canada/newfoundland-labrador/province-to-upgrade-broadband-access-with-4-6-m-investment-1.2708789>>.

⁶⁵ CBC News, *ibid.*

⁶⁶ CBC News, *ibid.*

⁶⁷ Northwest Territories, "Mackenzie Valley Fibre Line contract signed" (3 November 2014), online: <<http://news.exec.gov.nt.ca/mackenzie-valley-fibre-line-contract-signed/>>.

⁶⁸ Guy Quenneville, "Mackenzie Valley fibre optic line to now cost \$82 million" (7 November 2014), online: <<http://www.cbc.ca/news/canada/north/mackenzie-valley-fibre-optic-line-to-now-cost-82m-1.2827002>>.

⁶⁹ Northwest Territories, "Mackenzie Valley Fibre Line contract signed" (3 November 2014), online: <<http://news.exec.gov.nt.ca/mackenzie-valley-fibre-line-contract-signed/>>.

Jurisdiction	Program	Time	Spending	Description
Nunavut	Nunavut Broadband Development Corporation	2003-2010 ⁷⁰	\$1.5 million ⁷¹	"The Government of Nunavut has provided \$1.5 million to support NBDC's core operations since its inception in 2003" ⁷²
TOTAL (programs dedicated exclusively to broadband)			\$2.153 billion	
TOTAL (programs dedicated exclusively to broadband that are still in operation)			\$389 million	

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⁷⁰ Infrastructure Canada, "Nunavut Benefits From New Broadband Services" (22 September 2010), online: <<http://www.infrastructure.gc.ca/media/news-nouvelles/2010/20100922iqaluit-eng.html>>.

⁷¹ Infrastructure Canada, *ibid.*

⁷² Infrastructure Canada, *ibid.*