

Canada British Columbia Building Canada Fund

ANNUAL REPORT 2011/12

Fiscal Year Ended March 31, 2012

September 2012



Ministry of
Transportation
and Infrastructure



Transport
Canada

Transports
Canada

An annual progress report and appended audit is required under Section 9.1 and Appendix C (Reporting, Audit and Evaluation) of the CANADA – BRITISH COLUMBIA, BUILDING CANADA FUND Agreement. This report is used to provide the Management Committee with information regarding the status of projects and to formally track progress to date under the agreement. The report will also likely be translated and posted on Transport Canada's web site for public use.

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General Overview of Results

A general overview of the results accomplished under the Agreement during the fiscal year, including but not limited to a description of the work completed, financial results, environmental issues, any concerns affecting progress of the Program, and any other issues that may affect completing the Program as per this Agreement.

As of the end of the fiscal year 2011/12 (ending March 31, 2012) the status of the 10 projects, Environmental Assessment and Audits were as follows¹:

Highway 1: Brake Check To Yoho

This project entails upgrading approximately nine kilometres of Highway 1 between Brake Check and Yoho National Park to a four-lane, 100 km/hr design standard, including the replacement of the Mount Hunter Creek Bridge, concrete median barrier, maximum 4% grade, access consolidation, grade separated structure (underpass) to serve the Wepta/Beaverfoot area, wildlife exclusion fencing and wildlife crossing/passage.

The approval of the environmental review (CEAA) was given by Transport Canada on July 28, 2008. A total of \$56,814,488.46 has been expended (claimed) against 15 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$6,515,525. A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in August 2012 (signed off August 27).

Highway 1: Golden Hill to West Portal

This project entails upgrading approximately 3.8 kilometres of Highway 1 between Golden Hill and West Portal to a four-lane design standard (80 km/hr urban and 100 km/hr rural), including extending a fourth lane through the signals at the west end of Golden and grade separation of the Golden-Donald Upper Road (north)/ Golden View Road (south) intersection in the form of an underpass structure that will provide for right-in/right-out movements for the connecting roads, elimination of three at-grade intersections, road network connections, concrete median barrier, maximum 6% grade, wildlife fencing and wildlife passage.

A total of \$35,784,617.64 has been expended (claimed) against 15 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$17,867,363.

Highway 1: Monte Creek to Pritchard

This project entails upgrading approximately 10.5 kilometres of Highway 1 between Monte Creek and Pritchard to a four-lane, 100 km/hr design standard, including intersection improvements at Pinantan Road and Bostock Road.

A total of \$3,087,065.96 has been expended (claimed) against eight contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$1,957,895.

Highway 97A: Larkin Road to Crozier Road

This project entails upgrading approximately 4.2 kilometres of Highway 97A between Larkin and Crozier Road to a 100 km/hr design standard, including a single diamond interchange between Larkin Road and Otter Lake Road Cross Road, removal of direct highway accesses and associated road network connections.

The approval of the environmental review (CEAA) was given by Transport Canada on November 28, 2008. A total of \$19,935,536.97 has been expended (claimed) against 10 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$2,119,997. A Schedule D (Affidavit of Completion) was submitted to Transport Canada for this project in September 2011 (signed off September 22).

Highway 97: Winfield to Oyama

This project entails upgrading approximately nine kilometres of Highway 97 between Winfield to Oyama, through the construction of a new four-lane, in-land alignment, including associated road-network connections.

The approval of the environmental review (CEAA) was given by Transport Canada on December 17, 2009. A total of \$15,309,837.34 has been expended (claimed) against 13 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$13,249,737.

¹ It should be noted that the costs and expenditures referenced in this document relate to eligible and sharable costs between Transport Canada and the Province, unless otherwise noted. For instance, the total cost of the Monte Creek to Pritchard project is estimated at \$42,800,000 million but only \$33,400,000 million is eligible for cost-sharing.

Highway 1: Pritchard to Hoffman's Bluff

This project entails upgrading 6.1 kilometres of Highway 1 between Pritchard to Hoffman's Bluff, including Hoffman's Bluff itself, to a four-lane, 100 km/h design standard, including access management and frontage roads.

A total of \$982,577.41 has been expended (claimed) against seven contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$26,727.

Highway 1: Clanwilliam Overhead Replacement

This project entails replacing the existing Clanwilliam Overhead (10 kilometres west of Revelstoke) with a new four-lane structure and approximately 2.3 kilometres of four laning to a 100 km/hr design standard.

The Environmental Assessment and Review (CEAA) was approved by Transport Canada on March 3, 2011. A total of \$10,247,487.97 has been expended (claimed) against 13 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$8,206,645.

Highway 1: Donald Bridge and Overhead

This project entails replacing the existing Donald Bridge with a new four-lane structure, replacing the existing CPR Overhead with a new structure and approximately 4.0 kilometres of four-laning to a 100 km/hr design standard.

The approval of the environmental review (CEAA) was given by Transport Canada on June 2, 2010. A total of \$29,928,669.42 has been expended (claimed) against 13 contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$22,101,506.

Highway 97A: Pleasant Valley Cross Road to Lansdowne Road

This project entails upgrading approximately four kilometres of Highway 97A from Pleasant Valley Cross Road to Lansdowne Road to a four-lane design standard, including upgrading five intersections (left turn bays and deceleration/acceleration tapers) and a "protected tee" intersection at Smith Road.

A total of \$11,643,509.92 has been expended (claimed) against seven contracts, as of the end of the 2011/12 fiscal

year. Claims for the 2011/12 fiscal year entailed \$6,508,023.

A Schedule D (Affidavit of Completion) was submitted to Transport Canada for this project in March 2012 (signed off March 20).

Highway 97: Westside Road Interchange

This project entails replacing existing at-grade intersection of Westside Road and Highway 97 with a grade separated interchange and associated road network connections.

A total of \$19,712,365.52 has been expended (claimed) against four contracts, as of the end of the 2011/12 fiscal year. Claims for the 2011/12 fiscal year entailed \$8,081,622.

Overall, as of the end of the fiscal year 2011/12, 105 contracts had been established on the on-line Transport Canada Surface Infrastructure System (SIS) administration system for a total cost of \$291,378,250.57 out of a total SIS-active sharable cost (across 10 projects, audits and environmental assessments) of \$431,178,000 (67.58% of SIS-active sharable cost). A total of \$203,446,156.61 has been expended against these 105 contracts (69.82% of the existing value of the 105 contracts). There was \$86,654,041 claimed in the 2011/12 fiscal year.

2 After the end of the 2007/08 fiscal year three additional projects were added to the original three and thus the total shareable costs as of July 2008 total was \$246,500,000. After the end of the 2008/09 fiscal year one additional project was added and thus the total shareable costs as of July 2009 amount was \$253,500,000.

Date, Location and Minutes of Official Management Committee Meetings

The following minutes were approved by the Management Committee on June 5, 2012.

MINUTES

Canada – British Columbia BCF

Core National Highway System Projects

Management Committee Meeting #2

Date: November 15, 2011

Time: 9:30 to 12:00

Location: Ministry of Transportation and Infrastructure

940 Blanshard, Victoria, BC

Note taker: Hamid Mohmand

In Attendance:

Manon Baril, TC – Federal Co-chair

David Marr, BC MoTI – Provincial Co-Chair

Simon Leung – BC MoTI

Avi Ickovich – BC MoTI

Kari McKeel – BC MoTI

Hamid Mohmand – TC

Mark Thompson – TC

1. Opening Remarks

Discussion:

David Marr agreed to chair the meeting.

Hamid Mohmand is back and will now be responsible for this file.

This is the second MC meeting in 2011- 2012.

2. Administrative Details

2.1 Note Take

Hamid Mohmand will take meeting minutes for BCF.

2.2 Approval of Meeting Minutes

The minutes of February 16, 2011 management committee were approved by the co-chairs.

2.3 Recording Action Items

There were no outstanding action items from the February 16, 2011 MC meeting.

2.4 Decision Making when co-chair members cannot attend meeting

The committee agreed that decisions can be made in writing by email.

2.5 MC Member Alternates

This item was not discussed.

Action items – Person Responsible

No Action item.

3.0 Program Management

3.1 Schedule B (Financial Management, Cash Flow Forecasts)

A cash flow update (revision 5) was provided and signed by co-chairs at the meeting.

Federal co-chair emphasized the importance of accuracy of the cash flow estimates and advised not to over estimate the PAYEs.

3.2 Unleveraged Funds and PAYE

There will not be any PAYE for 2011-2012.

BC presented a spread sheet with the cost saving information for all the projects under BCF.

In total, there is an approximately \$23 million unleveraged fund.

BC will forward further details as the program get to closing but cannot confirm the cost savings at this point.

3.3 Amendment to CA and extension to the OSA

TC indicated that Finance Canada has no issue with extension and Public Safety Canada proposed to terminate their security agreement with BC.

TC legal is currently reviewing the amendment to the CA and extension to the OSA repayment deadline.

TC will get back to BC on the status.

3.4 Internal Resourcing (Field Services Contracts)

TC inquired about the \$1.69 million contract authorization for field services, BC has submitted for approval.

TC requested if BC can demonstrate the costs are incremental.

BC co-chair explained that field services are approximately 12% of the project cost. Based on the cost recoveries they are not the permanent employees of BC MoTI.

BC co-chair further explained that field services have been used in SHIP program and can be considered as cost saving.

TC co-chair approved the field services cost as soft cost.

3.5 Program Reporting (Annual Report and Audit)

BC is planning to submit the Annual report and audit as soon as possible.

TC thanked BC for granting permission to share reference material with other recipients and municipalities in BC.

3.6 Site Visits

Last summer Tim Morin has visited all the projects.

Hamid will schedule site visits for summer.

3.7 Communications – Potential Media Events

BC indicated that projects are getting close to completion and media events are expected.

TC advised to use the amounts from CA in all communication products.

Action items – Person Responsible:

BC to forward annual report and audit for 2010-2011. (annual report and audit for 2010-2011, submitted on December 07, 2011).

4.0 Project Status Update

4.1 Project Update

The Provincial co-chair provided an update on the projects status:

Highway 1 – Brake Check to Yoho National Park

- This project is approximately 98% complete.

- BC provided pictures for the wildlife overpasses for which there was a delay in receiving the girders.
- Some planting and landscaping are outstanding.
- BC is currently evaluating some construction claims from the contractor regarding perceived delays in utility relocation and back slope design changes. The highway however is up and functioning.

Highway 1 – Golden Hill to West Portal

- This project is approximately 95% complete.
- The ITS system network project is completed.
- Expected completion is fall 2012.

Highway 1 – Monte Creek to Pritchard

- Construction of first 3.2-km section has started. BC is continuing the engineering and investigations works on the remaining 7.3 km in which the burial site is situated (excluding archaeology).
- Accommodation agreement with aboriginal groups are underway
- Expected completion is fall 2012.
- BC MoTI has been attempting to negotiate an archaeological policy/accommodation agreement with the three bands who claim traditional territory.
- Most of the project work has been delayed and major construction activities are currently on hold.

Highway 97A – Larkin Road to Crozier Road

- Project is 100% complete and open to public.
- Schedule D (substantial completion) has been received.

Highway 97 – Winfield to Oyama

- Construction has been started on May 28, 2011.
- TC indicated that Environmental commitments are outlined in Section 7 of the screening report.
- BC will look into construction environmental management plan and an environmental monitoring program as detailed in Section 10 of the screening report.

- BC will consult with EA consultant and get back to TC.

Highway 1 – Pritchard to Hoffman’s Bluff

- There is a land requirement for a section of the project which requires a Section 35 land transfer from the First Nation, a lengthy process. The Minister of Aboriginal Reconciliation (MAR) is involved in process, trying to establish a protocol agreement.
- Costs accrued on this project are only soft costs to date.
- This project is delayed from its original schedule and construction has not started.

Highway 1 – Clanwilliam Overhead Replacement

- The project has been awarded for construction.
- EA approved on March 4, 2011 and construction has been started in last summer and expected to be completed by fall 2012.
- This project is delayed from its original schedule.

Highway 1 – Donald Bridge and Overhead Replacement

- Contract awarded to Flatiron Contractors Ltd for \$39.6 million.
- Project is almost 40% completed.
- Pre-construction meeting held January 21, 2011 and mobilized to site on January 31, 2011.
- Construction is scheduled to be completed by end of 2012.

Highway 97A – Pleasant Valley Cross Road to Landsdowne Road

- Construction is underway.
- Expected completion by end of 2011

Highway 97 – Westside Road Interchange

- The interchange is complete.
- Networks roads and shallow utilities contract is close to completion.

4.2 Aboriginal Consultation

First 3.2 km section of Highway 1 from Monte Creek to Pritchard is under construction.

BC provided an update on the AbCo issues related to the projects Monte Creek to Pritchard and Pritchard to Hoffman’s Bluff.

- Three First Nations (Adams, Neskonlith and Splatshin) make up the Lakes Division. As well Little Shuswap who are not part of the Lakes Division also has a claimed interest in the area.
- They support and continue to support the projects and continued upgrades to Highway 1. Three of the First Nations (Adams, Little Shuswap and Neskonlith) claim the area as traditional territory (i.e. overlapping claims) and are pursuing considerations. The Lakes Division requested that a protocol agreement be developed to provide the basis for moving forward. Our Ministry of Aboriginal Relations and Reconciliation (MARR) is the provincial lead and the Lakes Division have appointed a lead to represent the interest of the constituent First Nations. This process is moving slowly. The Ministry of Transportation and Infrastructure (MoTI) continues to meet with the First Nations and the need to move forward was reiterated.
- The remains were discovered on the Monte Creek to Pritchard section. The required investigations were undertaken. The Neskonlith originally supported relocation of the burial site, but subsequently opted for preservation and MoTI incorporated a retaining wall into the design to avoid the burial site.
- In addition, the Pritchard to Hoffman’s section has a direct impact on the Neskonlith Indian Reserve and acquisition of land is required under Section 35 of the Indian Act. This is not expected to be an obstacle once the consideration issues are resolved.
- The FNs are supportive of moving the alignment of the project in order to avoid disturbing the burial site.

4.3 Project risk (cost, schedule, operational, other project issues)

No specific risks identified by the respective project managers.

4.4 Environmental Assessment Update

See Section 4.1

4.5 Outstanding Information

N/A

Action items – Person Responsible

BC will forward the Environmental Management Plan for Hwy 97 – Winfield to Oyama.

5.0 & 6.0 Other Items and Next Management Committee Meeting

TC thanked BC for organizing the meeting.

The committee discussed the frequency of Management Committee meetings and agreed that the next meeting should be in first quarter of next fiscal year.

Action items – Person Responsible

No action items.

Schedule “B” Revisions

Please refer to Table 1 outlining the evolution of Schedule B during the first fiscal year. Table 2 (Statement of Changes) calculates the cash flow and budget changes across revisions.

Revision 2

February 9, 2011 (year end March 31, 2011) – This is the last revision from the 2010/11 fiscal year and is included for the sake of continuity.

Revision 3

July 6, 2011 – This revision entails the following changes:

- Moving \$5,841,168 from the 2010/11 and 2012/13 fiscal to the 2011/12 fiscal year for the Highway 1: Brake Check to Yoho National Park project;
- Shifting a significant proportion of project costs (\$16,549,698) for the Highway 1: Golden Hill to West Portal project into the future 2013/14 fiscal year ;
- Shifting \$5,277,186 to the 2013/14 fiscal year from the previous three fiscal years for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$584,460 from the 2010/11 fiscal year to the subsequent fiscal years as the project is completed and final claims are submitted to Transport Canada;
- Shifting \$17,661,532 to the 2013/14 and 2014/15 fiscal years from 2010/11, 2011/12 and 2012/13 fiscal year for the Highway 97: Winfield to Oyama project;
- Shifting \$36,142,037 to the 2014/15, 2015/16 and future fiscal years from previous fiscal years for the Highway 1: Pritchard to Hoffman’s Bluff project;
- Shifting \$6,560,557 to the 2012/13 fiscal year from the previous and subsequent years for the Clanwilliam Overhead Replacement project;
- Shifting \$2,697,162 to the 2010/11 fiscal year from subsequent fiscal years for the Highway 1: Donald Bridge and Overhead Replacement;
- Shifting \$644,731 to the 2011/12 fiscal year from the previous fiscal year for the Highway 97A: Pleasant Valley Cross Road to Lansdowne Road; and,

- Shifting \$484,101 to the 2011/12 fiscal year from the previous fiscal year for the Highway 97: Westside Road Interchange.

Revision 4

August 11, 2011 – This revision entails the following changes:

- Shifting \$1,408,200 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Golden Hill to West Portal project;
- Shifting \$2,896,594 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 97: Winfield to Oyama project;
- Shifting \$750,000 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Pritchard to Hoffman’s Bluff project;
- Shifting \$488,780 from the 2012/13 fiscal year to the 2011/12 fiscal year for the Highway 1: Clanwilliam Overhead Replacement; and,
- Shifting \$1,244,250 from the 2012/13 fiscal year to the 2011/12 fiscal year for the Highway 1: Donald Bridge and Overhead Replacement.

Revision 5

November 18, 2011 – This revision entails the following changes:

- Shifting \$1,111,168 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Brake Check to Yoho National Park project;
- Shifting \$2,412,047 from the 2012/13 fiscal year to the previous and subsequent fiscal years for the Highway 1: Golden Hill to West Portal project;
- Shifting \$2,399,878 to the 2012/13 fiscal year from the 2011/12 fiscal year for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$18,728 to the 2012/13 fiscal year from the previous fiscal year for the Highway 97A: Larkin Road to Crozier Road as final claims for the project are processed;
- Shifting \$4,490,000 to the 2013/14 fiscal year from the previous and subsequent years for the Winfield to Oyama project;

- Shifting \$250,000 from the 2011/12 fiscal year to the subsequent year and shifting \$2,080,000 to future years for the Highway 1: Pritchard to Hoffman's Bluff project;
- Shifting \$486,000 from the 2011/12 fiscal year to the subsequent two fiscal years for the Clanwilliam Overhead Replacement project; and
- Shifting \$2,822,000 from the 2011/12 fiscal year to the subsequent two fiscal years for the Donald Bridge and Overhead Replacement project.

Revision 6

February 21, 2012 – This revision entails the following changes:

- Shifting \$572,000 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Brake Check to Yoho National Park project;
- Shifting \$1,217,650 to the 2012/13 fiscal year from the previous and subsequent fiscal year for the Highway 1: Golden Hill to West Portal project;
- Shifting \$637,192 to the 2012/13 fiscal year from the previous and subsequent fiscal year for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$139,628 to the 2012/13 fiscal year from the previous fiscal year for the Highway 97A: Larkin Road to Crozier Road as final claims for the project are processed;
- Shifting \$6,098,876 from the 2011/12 and the 2014/15 fiscal years to the 2012/13 and 2013/2014 fiscal years respectively for the Winfield to Oyama project;
- Shifting \$8,850,000 to the 2013/14 fiscal year from the previous years and shifting \$5,494,288 to the 2015/16 fiscal year from the subsequent year for the Highway 1: Pritchard to Hoffman's Bluff. These changes reflect the latest changes as the project advances through the issues of negotiations with First Nations and archaeology issues and their scheduling and budget implications;
- Shifting \$664,400 to the 2012/13 fiscal year from the previous and subsequent fiscal years for the Highway 1: Clanwilliam Overhead Replacement project; and
- Shifting \$353,176 from the 2011/12 fiscal year to the subsequent fiscal years for the Highway 1: Donald Bridge and Overhead Replacement project.

Revision 7

March 5, 2012 – This revision entails the following changes:

- Shifting \$143,398 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Brake Check to Yoho National Park project;
- Shifting \$2,781,262 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Golden Hill to West Portal project;
- Shifting \$851,822 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$55,068 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 97A: Larkin Road to Crozier Road as final claims for the project are processed;
- Shifting \$2,678,294 from the 2012/13 fiscal year to the 2011/12 fiscal year for the Highway 97: Winfield to Oyama project;
- Shifting \$69,592 from the 2012/13 fiscal year to the 2011/12 fiscal year for the Highway 1: Clanwilliam Overhead Replacement project;
- Shifting to the future fiscal year \$1,719,280 from the 2011/12 and 2012/13 fiscal years for the Highway 1: Donald Bridge and Overhead Replacement project;
- Shifting \$1,764,245 from the 2011/12 fiscal to the 2012/13 fiscal year for the Highway 97A: Pleasant Valley Cross to Lansdowne Road project as final claims are processed; and,
- Shifting \$2,213,861 from the 2011/12 fiscal to the 2012/13 fiscal year for the Highway 97: Westside Road Interchange.

Revision 8

April 19, 2012 – This revision entails the following changes:

- Shifting \$140,923 from the 2012/13 fiscal year to the 2011/12 fiscal year for the Highway 1: Brake Check to Yoho National Park project as the project is substantially completed and final claims are processed;
- Shifting \$1,475,151 from the 2011/12 fiscal year to the subsequent year for the Highway 1: Golden Hill to West Portal project;

- Shifting \$616,441 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$14,255 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 97A: Larkin Road to Crozier Road as final claims for the project are processed;
- Shifting \$825,287 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 97: Winfield to Oyama project;
- Shifting \$127,273 from the 2011/12 fiscal year to the subsequent year for the Highway 1: Pritchard to Hoffman's Bluff. These changes reflect the latest changes as the project advances through the issues of negotiations with First Nations and archaeology issues and the inherent scheduling and budget implications;
- Shifting \$950,249 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 1: Clanwilliam Overhead Replacement project;
- Shifting \$2,004,957 to the 2012/13 fiscal year from the 2011/12 fiscal year and future years for the Highway 1: Donald Bridge and Overhead Replacement project;
- Shifting \$87,755 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 97A: Pleasant Valley Cross to Lansdowne Road project as final claims are processed; and,
- Shifting \$27,774 from the 2011/12 fiscal year to the 2012/13 fiscal year for the Highway 97: Westside Road Interchange.

Revision 9

May 31, 2012 – This revision entails the following changes:

- Shifting \$10,000 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 1: Golden Hill to West Portal project;
- Shifting \$10,000 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 97: Winfield to Oyama project;
- Shifting \$10,000 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 1: Clanwilliam Overhead Replacement project; and,

- Shifting \$10,000 from the 2012/13 fiscal year back to the 2011/12 fiscal year for the Highway 1: Donald Bridge and Overhead Replacement project.

Revision 10

July 25, 2012 – This revision is after the end of the 2011/12 Fiscal Year but is included for the sake of continuity with the subsequent Annual Reports and Audits in future years. This revision entails the following changes:

- Shifting \$19,800,000 to the 2014/15 fiscal year from the previous three fiscal years for the Highway 1: Golden Hill to West Portal project;
- Shifting \$9,640,455 from the 2012/13 fiscal year to the subsequent years for the Highway 1: Monte Creek to Pritchard project;
- Shifting \$1,169,275 to the 2012/13 fiscal year from the previous fiscal and subsequent fiscal years for the Highway 97: Winfield to Oyama project;
- Shifting \$4,003,712 to the 2013/14, 2014/15 and 2015/16 fiscal years for the Highway 1: Pritchard to Hoffman's Bluff. These changes reflect the latest changes as the project advances through the issues of negotiations with First Nations and archaeology issues and the inherent scheduling and budget implications;
- Shifting \$4,724,559 to the 2013/14 and 2014/15 fiscal years for the Highway 1: Clanwilliam Overhead Replacement project; and,
- Shifting \$7,850,000 to the 2014/15 from the previous years for the Highway 1: Donald Bridge and Overhead Replacement project.

Table 1

Schedule B During the Fiscal Year 2010/11 (as of March 21, 2012)

Project	Estimated Project Cost	Shareable Project Cost	Agreement Contribution		Breakdown of Expenditures											
			Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future					
Revision #2 (Last Revision of 2010/11) 09-Feb-11																
Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 55,600,000	\$ 2,360,000	\$ 5,740,000	\$	\$	\$						
Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,270,958	20,752,000	26,677,042									
Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,786,146	8,054,000	16,150,000	7,409,854								
Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	18,400,000	1,928,470	3,931,530									
Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,616,226	24,060,000	25,662,000	13,412,000	1,413,774							
Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	1,547,888	18,400,000	15,200,000	17,800,000	852,112							
Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	3,308,182	12,800,000	10,394,000	1,497,818								
Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	5,130,000	26,290,000	24,564,000	4,896,000								
Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,780,218	7,539,782										
Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	12,104,844	9,849,156										
Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 123,544,462	\$ 132,033,408	\$ 128,318,572	\$ 45,015,672	\$ 2,265,886	\$	\$	\$	\$	\$	\$	\$
Revision #3 06-Jul-11																
Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 8,201,168	\$ 5,199,868	\$	\$	\$						
Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	23,598,200	6,643,847	16,549,698								
Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	5,963,668	13,620,122	12,687,040								
Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,319,166	4,125,294									
Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	18,466,594	14,150,000	16,750,000	15,737,306							
Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	1,650,000	13,400,000	800,000	14,800,000	17,500,000	4,694,149					
Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	7,737,220	16,954,557	1,267,380								
Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	25,177,750	22,732,523	5,142,564								
Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	8,184,513										
Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	10,333,257										
Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 111,631,536	\$ 96,826,212	\$ 53,196,682	\$ 30,537,306	\$ 17,500,000	\$ 4,694,149					
Revision #4 11-Aug-11																
Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 8,201,168	\$ 5,199,868	\$	\$	\$						
Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	22,190,000	8,052,047	16,549,698								
Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	5,963,668	13,620,122	12,687,040								
Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,319,166	4,125,294									
Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	15,570,000	17,046,594	16,750,000	15,737,306							
Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	900,000	14,150,000	800,000	14,800,000	17,500,000	4,694,149					
Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	8,226,000	16,465,777	1,267,380								
Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	26,422,000	21,488,274	5,142,564								
Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	8,184,513										
Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	10,333,257										
Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 108,309,772	\$ 100,147,976	\$ 53,196,682	\$ 30,537,306	\$ 17,500,000	\$ 4,694,149					

Table 1 (continued)

Revision #	Project	Estimated Project Cost	Shareable Project Cost	Agreement Contribution		Breakdown of Expenditures							
				Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future	
Revision #5 18-Nov-11	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 7,090,000	\$ 6,311,036	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	23,180,000	5,640,000	17,971,745	-	-	-	
	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	3,600,000	16,020,000	12,650,830	-	-	-	
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,300,438	4,144,022	-	-	-	-	
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	15,360,000	14,210,000	21,240,000	14,293,900	-	-	
	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	650,000	14,400,000	800,000	14,670,000	15,550,000	6,774,149.29	
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	7,740,000	16,580,000	1,639,157	-	-	-	
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	23,600,000	23,700,000	5,752,838	-	-	-	
	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	8,184,513	-	-	-	-	-	
	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	10,333,257	-	-	-	-	-	
Revision #6 21-Feb-12	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 102,038,208	\$ 101,005,058	\$ 60,054,570	\$ 28,963,900	\$ 15,550,000	\$ 6,774,149	
	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 6,518,000	\$ 6,883,036	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	22,132,776	6,857,650	17,801,319	-	-	-	
	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	3,426,158	16,657,192	12,187,480	-	-	-	
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,160,810	4,283,650	-	-	-	-	
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	9,746,156	16,244,306	25,304,570	13,808,868	-	-	
	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	154,000	6,120,000	9,650,000	14,670,000	21,044,288	1,205,861	
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	7,186,804	17,244,400	1,527,953	-	-	-	
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	23,246,824	23,838,812	5,967,202	-	-	-	
	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	8,184,513	-	-	-	-	-	
Revision #7 05-Mar-12	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	10,333,257	-	-	-	-	-	
	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 93,089,298	\$ 98,129,046	\$ 72,438,524	\$ 28,478,868	\$ 21,044,288	\$ 1,205,861	
	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 6,374,602	\$ 7,026,434	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	19,351,514	9,638,912	17,801,319	-	-	-	
	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	2,574,336	17,509,014	12,187,480	-	-	-	
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,105,742	4,338,718	-	-	-	-	
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	12,424,450	13,566,012	25,304,570	13,808,868	-	-	
	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	154,000	6,120,000	9,650,000	14,670,000	21,044,288	1,205,861	
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	7,256,396	17,174,808	1,527,953	-	-	-	
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	22,387,184	22,979,172	5,967,202	-	-	1,719,280	
	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	6,420,268	1,764,245	-	-	-	-	
	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	8,119,396	2,213,861	-	-	-	-	
	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 87,167,888	\$ 102,331,176	\$ 72,438,524	\$ 28,478,868	\$ 21,044,288	\$ 2,925,141	

Table 1 (continued)

Revision #	Project	Estimated Project Cost	Sharable Project Cost	Agreement Contribution		Breakdown of Expenditures									
				Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future			
Revision #8 19-Apr-12	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 6,515,525	\$ 6,885,511	\$ -	\$ -	\$ -	\$ -	\$ -		
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	17,876,363	11,114,063	17,801,319	-	-	-	-		
	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	1,957,895	18,125,455	12,187,480	-	-	-	-		
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,119,997	4,324,463	-	-	-	-	-		
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	13,249,737	12,740,725	25,304,570	13,808,868	-	-	-		
	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	26,727	6,247,273	9,650,000	14,670,000	21,044,288	1,205,861	-		
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	8,206,645	16,224,559	1,527,953	-	-	-	-		
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	22,101,507	24,984,129	5,967,202	-	-	-	-		
Revision #9 31-May-12	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	6,508,023	1,676,490	-	-	-	-	-		
	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	8,091,622	2,241,634	-	-	-	-	-		
	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 86,654,042	\$ 104,524,302	\$ 72,438,524	\$ 28,478,868	\$ 21,044,288	\$ 1,205,861	-		
	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 6,515,525	\$ 6,885,511	\$ -	\$ -	\$ -	\$ -	-		
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	17,886,363	11,104,063	17,801,319	-	-	-	-		
	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	1,957,895	18,125,455	12,187,480	-	-	-	-		
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,119,997	4,324,463	-	-	-	-	-		
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	13,259,737	12,730,725	25,304,570	13,808,868	-	-	-		
Revision #10 25-Jul-12	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	26,727	6,247,273	9,650,000	14,670,000	21,044,288	1,205,861	-		
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	8,216,645	16,214,559	1,527,953	-	-	-	-		
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	22,111,507	24,974,129	5,967,202	-	-	-	-		
	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	6,508,023	1,676,490	-	-	-	-	-		
	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	8,091,622	2,241,634	-	-	-	-	-		
	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 86,694,042	\$ 104,524,302	\$ 72,438,524	\$ 28,478,868	\$ 21,044,288	\$ 1,205,861	-		
	Highway 1: Brake Check to Yoho National Park	\$ 66,361,911	\$ 63,700,000	\$ 31,850,000	\$ 31,850,000	\$ 50,298,964	\$ 6,515,525	\$ 6,885,511	\$ -	\$ -	\$ -	\$ -	-		
	Highway 1: Golden Hill to West Portal	68,500,000	64,700,000	32,350,000	32,350,000	17,908,255	17,876,363	7,650,000	1,465,382	19,800,000	-	-	-		
Revision #10 25-Jul-12	Highway 1: Monte Creek to Pritchard	42,800,000	33,400,000	16,700,000	16,700,000	1,129,170	1,957,895	8,485,000	13,000,000	8,827,934	-	-	-		
	Highway 97A: Larkin Road to Crozier Road	33,670,000	24,260,000	12,130,000	12,130,000	17,815,540	2,119,997	4,324,463	-	-	-	-	-		
	Highway 97: Winfield to Oyama	77,868,550	67,164,000	33,582,000	33,582,000	2,060,100	13,249,737	13,900,000	24,454,162	13,500,001	-	-	-		
	Highway 1: Pritchard to Hoffman's Bluff	61,600,000	53,800,000	26,900,000	26,900,000	955,851	26,727	2,765,000	13,350,000	14,870,000	21,148,000	684,422.59	-		
	Highway 1: Clanwilliam O/H Replacement	29,000,000	28,000,000	14,000,000	14,000,000	2,040,843	8,206,645	11,500,000	3,278,512	2,974,000	-	-	-		
	Highway 1: Donald Bridge and O/H Replacement	63,000,000	60,880,000	30,440,000	30,440,000	7,827,162	22,101,507	20,000,000	3,101,330	7,850,000	-	-	-		
	Hwy 97A: Pleasant Valley Cross Rd to Lansdowne Rd	20,200,000	13,320,000	6,660,000	6,660,000	5,135,487	6,508,023	1,676,490	-	-	-	-	-		
	Highway 97: Westside Road Interchange	33,000,000	21,954,000	10,977,000	10,977,000	11,620,743	8,091,622	2,241,634	-	-	-	-	-		
Revision #10 25-Jul-12	Total	\$ 496,000,461	\$ 431,178,000	\$ 215,589,000	\$ 215,589,000	\$ 116,792,115	\$ 86,654,042	\$ 79,428,099	\$ 58,649,386	\$ 67,821,935	\$ 21,148,000	\$ 684,423	-		

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Table 2

Statement of Changes for Schedule B During the Fiscal Year 2011/12 (as of March 21, 2012)

Project	Estimated Project Cost	Shareable Project Cost	Agreement Contribution		Breakdown of Expenditures							
			Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future	
Revision #2 to Revision #3												
Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ (5,301,036)	\$ 5,841,168	\$ (540,132)	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 1: Golden Hill to West Portal	-	-	-	-	637,297	2,846,200	(200,331,195)	16,549,698	-	-	-	-
Highway 1: Monte Creek to Pritchard	-	-	-	-	(656,976)	(2,090,332)	(2,529,878)	5,277,186	-	-	-	-
Highway 97A: Larkin Road to Crozier Road	-	-	-	-	(584,460)	390,696	193,764	-	-	-	-	-
Highway 97: Winfield to Oyama	-	-	-	-	(556,126)	(5,593,406)	(11,512,000)	3,338,000	14,323,532	-	-	-
Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	(592,037)	(16,750,000)	(1,800,000)	(17,000,000)	13,947,888	17,500,000	4,694,149	-
Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	(1,267,339)	(5,062,780)	6,560,557	(230,438)	-	-	-	-
Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	2,697,162	(1,112,250)	(1,831,477)	246,564	-	-	-	-
Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	(644,731)	644,731	-	-	-	-	-	-
Highway 97: Westside Road Interchange	-	-	-	-	(484,101)	484,101	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ (6,752,347)	\$ (20,401,872)	\$ (31,492,360)	\$ 8,181,010	\$ 28,271,420	\$ 17,500,000	\$ 4,694,149	\$ -
Revision #3 to Revision #4												
Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 1: Golden Hill to West Portal	-	-	-	-	-	(1,408,200)	1,408,200	-	-	-	-	-
Highway 1: Monte Creek to Pritchard	-	-	-	-	-	-	-	-	-	-	-	-
Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	-	-	-	-	-	-	-
Highway 97: Winfield to Oyama	-	-	-	-	-	(2,896,594)	2,896,594	-	-	-	-	-
Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	(750,000)	750,000	-	-	-	-	-
Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	-	488,780	(488,780)	-	-	-	-	-
Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	-	1,244,250	(1,244,250)	-	-	-	-	-
Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	-	-	-	-	-	-	-
Highway 97: Westside Road Interchange	-	-	-	-	-	-	-	-	(1,849,838)	1,849,838	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ (3,321,764)	\$ (3,321,764)	\$ 3,321,764	\$ -	\$ (1,849,838)	\$ 1,849,838	\$ -	\$ -
Revision #4 to Revision #5												
Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	(1,111,168)	1,111,168	\$ -	\$ -	\$ -	\$ -	\$ -
Highway 1: Golden Hill to West Portal	-	-	-	-	-	990,000	(2,412,047)	1,422,047	-	-	-	-
Highway 1: Monte Creek to Pritchard	-	-	-	-	-	(2,363,668)	2,399,878	(36,210)	-	-	-	-
Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	(18,728)	18,728	-	-	-	-	-
Highway 97: Winfield to Oyama	-	-	-	-	-	(210,000)	(2,836,594)	4,490,000	(1,443,406)	-	-	-
Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	(250,000)	250,000	-	(130,000)	(1,950,000)	2,080,000	-
Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	-	(486,000)	114,223	371,777	-	-	-	-
Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	-	(2,822,000)	2,211,726	610,274	-	-	-	-
Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	-	-	-	-	-	-	-
Highway 97: Westside Road Interchange	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ (6,271,564)	\$ 857,082	\$ 6,857,888	\$ (1,573,406)	\$ (1,950,000)	\$ 2,080,000	\$ -	\$ -

Table 2 (continued)

Project		Estimated Project Cost	Sharable Project Cost	Agreement Contribution		Breakdown of Expenditures							
				Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future	
Revision #5 to Revision #6	Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (572,000)	\$ 572,000	\$ -	\$ -	\$ -	\$ -	\$ -
	Highway 1: Golden Hill to West Portal	-	-	-	-	-	(1,047,224)	1,217,650	(170,426)	-	-	-	-
	Highway 1: Monte Creek to Pritchard	-	-	-	-	-	(173,842)	637,192	(463,350)	-	-	-	-
	Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	(139,628)	139,628	-	-	-	-	-
	Highway 97: Winfield to Oyama	-	-	-	-	-	(5,613,844)	2,034,306	4,064,570	(485,032)	-	-	-
	Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	(496,000)	(8,280,000)	8,850,000	-	5,494,288	(5,568,288)	-
	Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	-	(553,196)	664,400	(111,204)	-	-	-	-
	Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	-	(353,176)	138,812	214,364	-	-	-	-
Revision #6 to Revision #7	Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	-	-	-	-	-	-	-
	Highway 97: Westside Road Interchange	-	-	-	-	-	-	-	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (8,948,910)	\$ (2,876,012)	\$ 12,383,954	\$ (485,032)	\$ 5,494,288	\$ (5,568,288)	-
	Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	(143,398)	\$ 143,398	\$ -	\$ -	\$ -	\$ -	-
	Highway 1: Golden Hill to West Portal	-	-	-	-	-	(2,781,262)	2,781,262	-	-	-	-	-
	Highway 1: Monte Creek to Pritchard	-	-	-	-	-	(851,822)	851,822	-	-	-	-	-
	Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	(55,068)	55,068	-	-	-	-	-
	Highway 97: Winfield to Oyama	-	-	-	-	-	2,678,294	(2,678,294)	-	-	-	-	-
Revision #7 to Revision #8	Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	-	-	-	-	-	-	-
	Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	-	69,592	(69,592)	-	-	-	-	-
	Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	-	(859,640)	(859,640)	-	-	-	1,719,280	-
	Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	(1,764,245)	1,764,245	-	-	-	-	-
	Highway 97: Westside Road Interchange	-	-	-	-	-	(2,213,861)	2,213,861	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,921,410)	\$ 4,202,130	\$ -	\$ -	\$ -	\$ 1,719,280	-
	Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	140,923	\$ (140,923)	\$ -	\$ -	\$ -	\$ -	-
	Highway 1: Golden Hill to West Portal	-	-	-	-	-	(1,475,151)	1,475,151	-	-	-	-	-
Revision #8	Highway 1: Monte Creek to Pritchard	-	-	-	-	-	(616,441)	616,441	-	-	-	-	-
	Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	14,255	(14,255)	-	-	-	-	-
	Highway 97: Winfield to Oyama	-	-	-	-	-	825,287	(825,287)	-	-	-	-	-
	Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	(127,273)	127,273	-	-	-	-	-
	Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	-	950,249	(950,249)	-	-	-	-	-
	Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	-	(285,677)	2,004,957	-	-	-	(1,719,280)	-
	Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	87,755	(87,755)	-	-	-	-	-
	Highway 97: Westside Road Interchange	-	-	-	-	-	(27,774)	27,774	-	-	-	-	-
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (513,846)	\$ 2,233,126	\$ -	\$ -	\$ -	\$ (1,719,280)	-

Table 2 (continued)

Project		Estimated Project Cost	Sharable Project Cost	Agreement Contribution		Breakdown of Expenditures									
				Federal	Provincial	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	Future			
Revision #8 to Revision #9	Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Golden Hill to West Portal	-	-	-	-	10,000	(10,000)	-	-	-	-	-	-	-	
	Highway 1: Monte Creek to Pritchard	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Highway 97: Winfield to Oyama	-	-	-	-	10,000	(10,000)	-	-	-	-	-	-	-	
	Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	10,000	(10,000)	-	-	-	-	-	-	-	
	Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	10,000	(10,000)	-	-	-	-	-	-	-	
	Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Highway 97: Westside Road Interchange	-	-	-	-	-	-	-	-	-	-	-	-	-	
Revision #9 to Revision #10	Total	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ (40,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Brake Check to Yoho National Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Highway 1: Golden Hill to West Portal	-	-	-	-	(10,000)	(3,454,063)	(16,335,937)	19,800,000	-	-	-	-	-	
	Highway 1: Monte Creek to Pritchard	-	-	-	-	-	(9,640,455)	8,125,20	8,827,934	-	-	-	-	-	
	Highway 97A: Larkin Road to Crozier Road	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Highway 97: Winfield to Oyama	-	-	-	-	(10,000)	1,169,275	(850,408)	(308,867)	-	-	-	-	-	
	Highway 1: Pritchard to Hoffman's Bluff	-	-	-	-	-	(3,482,273)	3,700,000	200,000	103,712	(521,439)	-	-	-	
	Highway 1: Clanwilliam Overhead Replacement	-	-	-	-	(10,000)	(4,714,559)	1,750,559	2,974,000	-	-	-	-	-	
	Highway 1: Donald Bridge and Overhead Replacement	-	-	-	-	(10,000)	(4,974,129)	(2,865,872)	7,850,000	-	-	-	-	-	
	Highway 97A: Pleasant Valley Cross Road to Lansdowne Road	-	-	-	-	-	(0)	-	-	-	-	-	-	-	
Highway 97: Westside Road Interchange	-	-	-	-	-	-	-	-	-	-	-	-	-		
Revision #10 to Revision #11	Total	\$ -	\$ -	\$ -	\$ -	\$ (40,000)	\$ (25,096,203)	\$ (13,789,138)	\$ 39,343,067	\$ 103,712	\$ (521,439)	\$ -	\$ -	\$ -	

PROJECT UPDATES

Information on contracts started/completed and estimated completion of contracts is addressed more extensively in a subsequent section of the report "A YEAR END SUMMARY TABLE OF EXPENDITURES UNDER THE AGREEMENT" (Table 3).

Major milestones include:

Highway1: Brake Check to Yoho Project

- Construction has been completed on the 9 kilometre Brake Check to Yoho National Park (Phase 3 East) project, which includes a new 112-metre-long bridge across Mt. Hunter Creek, wildlife crossing structures at Vacation Creek and Glenogle Road and continuous wildlife exclusion fencing and access improvements at Beaverfoot Road. Traffic has been established at a 100 km/hr standard on the completed four-lane section. A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in August 2012 (signed off August 27).

Highway 1: Golden Hill to West Portal Project

- The main construction of Golden Hill to West Portal (Phase 3 West) is being delivered as a design-build project. The contract was awarded to Emil Anderson Construction Inc. on December 1, 2009. Substantial completion was issued in December 2011. The work includes grade and horizontal alignment improvements from the entrance to the steep canyon sections through to the intersection with Highway 95.

Highway 97A: Larkin Road to Crozier Road Project

- Project completed on November 8, 2010 and all four lanes were opened to the public.
- Project has been performing very well with positive feedback from major stakeholders regarding the operation of an interchange with two roundabouts.
- A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in September 2011 (signed off September 22).

Highway97: Winfield to Oyama Project

- Commenced construction on May 28, 2011
- Overall construction was 32% complete at the end of the fiscal year.

Highway 97A: Pleasant Valley Cross Road to Landsdowne Road Project

- Project was completed on November 8, 2010 and all four lanes were opened to the public.
- Project has been performing very well with positive feedback from major stakeholders regarding the operation of an interchange with two roundabouts.
- A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in September 2011 (signed off September 22).

For the Highway97: Winfield to Oyama project

- Commenced construction on May 28, 2011.
- Overall construction was 32% complete at the end of the fiscal year.

For the Highway 97A: Pleasant Valley Cross Road to Landsdowne Road Project

- A Schedule D (Affidavit of Completion) was submitted to Transport Canada for this project in March 2012 (signed off March 20). The completed project is now in service and performing very well.

For the Highway 97: Westside Road Interchange Project

- Interchange opened on October 29, 2011.

The following pages of the report entail a series of photographs for the current projects and are meant to provide not only a portrayal of the actual project, but also a broader geographic and topographical context, and as such some photographs are overviews.

Project Overview: : Highway1 – Brake Check To Yoho

Scope

This project entails upgrading approximately nine kilometres of Highway 1 between Brake Check and Yoho National Park to a four-lane, 100 km/hr design standard, including the replacement of the Mount Hunter Creek Bridge, concrete median barrier, maximum 4% grade, access consolidation, grade separated structure (underpass) to serve the Wepta/Beaverfoot area, wildlife exclusion fencing and wildlife crossing/passage.



Phase 3 East, western wildlife overpass

Achievements in 2011/2012

Construction has been completed on the nine kilometre Brake Check to Yoho National Park (Phase 3 East) project, which includes a new 112-metre-long bridge across Mt. Hunter Creek, wildlife crossing structures at Vacation Creek and Glenogle Road and continuous wildlife exclusion fencing and access improvements at Beaverfoot Road. Final completion was issued to Ledcor CMI Ltd. on October 30, 2011. Traffic has been established at 100 km/hr on the completed four-lane section. A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in August 2012 (signed off August 27).

Issues

Some settlement has occurred at three MSE walls at the abutments of the wildlife overpasses. Buttress walls have been erected in front of these walls as interim precautionary measures. Further testing will be carried out on these walls to determine the cause.

Future activities

Investigation and testing of the integrity of the MSE walls on the wildlife structures will take place in June 2012. Further mitigation activities, if required, will be determined at that time.

Project Overview: Highway1: Golden Hill to West Portal

Scope

This project entails upgrading approximately 3.8 kilometres of Highway 1 between Golden Hill and West Portal to a four-lane design standard (80 km/hr urban and 100 km/hr rural), including extending a fourth lane through the signals at the west end of Golden and grade separation of the Golden-Donald Upper Road (north)/Golden View Road (south) intersection in the form of an underpass structure that will provide for right-in/right-out movements for the connecting roads, elimination of three at-grade intersections, road network connections, concrete median barrier, maximum 6% grade, wildlife fencing and wildlife passage.

Achievements in 2011/2012

The main construction of Golden Hill to West Portal (Phase 3 West) is being delivered as a design-build project. The contract was awarded to Emil Anderson Construction Inc. on December 1, 2009. Substantial completion was issued in December 2011. The work includes grade and horizontal alignment improvements from the entrance to the steep canyon sections through to the intersection with Highway 95.

This segment also includes installation of an Intelligent Transportation System (ITS). The contract to install three new changeable message signs and replace one changeable message sign on an existing structure in the corridor is complete.

In advance of the design-build work, the construction of a fourth lane extension on Golden Hill was completed in 2009 using day labour, the Ministry's process for hiring local workers and equipment directly.

A contract to extend the pedestrian/bicycle trail from Golden Hill to Highway 95 was awarded to Emil Anderson Construction Inc. on July 21, 2011. Construction was completed in November 2011.

The final construction activity of Phase 3 West is a retaining wall structure at the eastern end of the project. A Major Works contract for the Kilometre Four Wall and approaches was tendered and awarded to Tercon Construction Ltd. on September 28, 2011. The completion date for this contract is March 31, 2013. Mobilization will take place early in 2012.

Issues

A few minor activities on the design/build contract will need to be completed in the spring of 2012.

Future Activities

Tercon Construction Ltd. will start construction of the Kilometre Four Wall in May 2012. Construction will complete in November 2012.

Final completion of the design/build contract should be achieved in the spring of 2012.

Total completion of Phase 3 West is scheduled for March 31, 2013.



Phase 3 West before



Phase 3 West after

Project Overview: Highway 1: Monte Creek to Pritchard

Scope

- Four laning 10.5 km of Highway 1 between Monte Creek and Pritchard to a 100 km/h standard, including flush medians, wider shoulders and rumble strips.
- Access management improvements include turn slots, deceleration lanes and frontage roads.

Accomplishments/Milestones Over the Last Fiscal Year (2011/12)

Accomplishments

Phase 1 (3.2 km)

- Project awarded to Emil Anderson Construction (EAC) Inc. for Phase 1 as of August 9, 2011 for \$7,187,154.19.
- Construction start up on October 4, 2011, with Groundbreaking Event held October 12, 2011 with MLA Kruger, MP McLeod and other dignitaries.



November 2011 – View looking East



November 2011 – View looking East



March 10, 2012 – View of Rock Bluff, looking East

- First Nations Archaeological monitors on site observing stripping and excavation operations to two-metre depth.
- Further remains found during construction and removed, First Nations ceremony held.
- Hydro pole relocations complete.
- Project webcam has been installed and is operational.
- First Nations proposal for waterline installation has been approved by EAC.
- Rock crusher set up on site, crushing rock from the Bluff for project aggregate.

Phase 2 (7.3 km)

- Open House held on September 14, 2011, in conjunction with Pritchard to Hoffman's Bluff project open house.
- Geotech drilling complete.
- Archaeology work began on proposed right of way on February 21, 2012.

Milestones

- Construction on Phase 1 is 20% complete.

Issues

- Continuing meetings with property owners to discuss potential access configurations on Phase 2.
- Continuing discussions with First Nations for an accommodation agreement.

Targets/Milestones over the next Six months

Phase 1

- Complete grading and drilling/blasting.
- Contract completion scheduled for October 31, 2012.

Phase 2

- Complete archaeological work and obtain alteration permit.
- Complete detail design.
- Initiate property acquisition.
- Complete hydrology report.
- Complete environmental report and obtain appropriate permits.
- Continue First Nations consultation.

Project Overview: Highway 97A: Larkin Road to Crozier Road

This project entailed upgrading approximately 4.2 kilometres of Highway 97A between Larkin and Crozier Road to a 100 km/hr design standard, including a single diamond interchange between Larkin Road and Otter Lake Road Cross Road, removal of direct highway accesses and associated road network connections.

The project had the following accomplishments:

- Project completed on November 8, 2010 and all four lanes were opened to the public.
- Project has been performing very well and positive feedback from major stakeholders regarding the operation of an interchange with two roundabouts.
- The contractor accepted the final quantities and no construction claims.
- A Schedule D (Affidavit of Substantial Completion) was submitted to Transport Canada for this project in September 2011 (signed off September 22).

The following photographs are of the project before construction:





The following photographs are of the project during construction:



The following photographs are of the completed project:





Project Overview: Highway 97: Winfield to Oyama

This project entails upgrading approximately nine kilometres of Highway 97 between Winfield to Oyama, through the construction of a new four-lane, in-land alignment, including associated road-network connections.

Fiscal 2011/12 Accomplishments

- Commenced construction on May 28, 2011.
- Ground breaking event held on July 8, 2011.
- Overall construction was 32% complete at the end of fiscal.
- Gatzke Road Overpass was 55% complete at the end of last fiscal.
- Commenced construction on the Wood Lake overpass at the end of last fiscal.

- Old Mission Recreational Underpass was 76% complete at the end of the last fiscal year.
- Lake Country Recreational Underpass was 60% complete at the end of the last fiscal year.

Targets/Milestones over the next six months

- Continue construction.
- Completion Summer 2013.

Unforeseen or Predicted Risks/Issues

- Potential acid generating (PAG) rock found at 148+00.
- Ongoing First Nations archaeological work.

The following photographs are a representation of the project before initiation and during construction.

BEFORE:



DURING:



Project Overview: Highway 1: Pritchard to Hoffmans Bluff

Scope

This project entails upgrading 6.1 kilometres of Highway 1 between Pritchard to Hoffman's Bluff, including Hoffman's Bluff itself, to a four-lane, 100 km/h design standard, including access management and frontage roads.

Fiscal Year 2011/12 Accomplishments

Phase 1

- Design 95% completed.

Phase 2

- Design 90% completed.

Accomplishments/Milestones/Status over the last Fiscal Year ending March 31, 2012

- Public open house held Sept 14, 2011.
- Sign agreement with First Nations to conduct archaeology studies for project.
- Ongoing negotiations with First Nations to reach accommodation agreement.
- Ongoing Section 35 land transfer negotiations with Neskonlith Band for acquisition of reserve land.
- Progress on property acquisition (majority of right-of-way acquired).
- Geotechnical field work complete.

Expected/Anticipated Activities over the next six months

- Complete fee simple property acquisition (Section 35 negotiation ongoing).
- Complete AIA stage of archaeology study.
- Initiate mitigation phase of archaeology study.
- Receive environmental approvals from provincial and federal agencies.
- Get Phase 1 of project tender ready (tender date will depend on status of archaeology study).

Issues that have arisen over the last year:

- Accommodation agreement with First Nations required to ensure project can proceed unimpeded.
- Section 35 land transfer agreement required for phase 2 of project.

The following are photographs related to the archaeology work necessary for approval to commence the project:

ARCHAEOLOGY STUDY



NE view of work being completed in rocky terrain on Phase 1 EU



NE view of work being completed in rocky terrain on Phase 1 EU



NE view of shovel testing on landform 600 metres E of Willow Rd, on N side of Hwy 1



EU of N side of Hwy 1, on landform in midst of positive testing. Two tools and many flakes found here.

Open House (Public open house held Sept. 14, 2011)

The following demonstrates that the open house was well attended and there was considerable public engagement.



Project Overview: Highway 1: ClanWilliam Overhead

This project entails replacing the existing Clanwilliam Overhead (10 kilometres west of Revelstoke) with a new four-lane structure and approximately 2.3 kilometres of four-laning to a 100 km/hr design standard.

Accomplishments/Milestones: Fiscal Year End 2011/12

Work to March 31, 2012:

- Design complete and all approvals in place.
- Construction contract awarded to Arthon Contractors Ltd. (\$18.035 million).
- Construction began July 12, 2011.
- CPR lease agreement-final November 2011.
- First Nations Ethnographic study complete October 2011.
- TELUS relocates complete August 2011.
- CPR Turnout and Fibre Optic line relocations complete August 2011.
- Construction web camera in place.

- Construction approximately 25% complete overall.
- Overhead construction, piers complete for both structures, MSE abutment walls complete, all substructure complete, girder fabrication complete and delivered to site.
- Grading
Westbound lanes east of the structures complete to sub-grade, aggregate production substantially complete, MSE wall #4433R complete (60 m in length).

Expected Activities to September 15, 2012:

- Canadian Pacific Railway culvert installations – CPR to complete August 2012.
- Overheads, girder erection completed May 2012.
- Eastbound Overhead deck formwork and rebar installation complete early July. Deck concrete placed and cured by mid-July 2012. Parapets and railing system in place early September.
- Westbound overhead deck formwork and rebar

installation complete early August. Deck concrete placed and cured by mid-August. Parapets and railing system in place by mid-September.

■ Grading

East Approaches: new westbound lanes between station 110 and 117 (700 m) complete, including asphalt, at end of May 2012. Grade construction on east approaches complete by end of July. Bottom lift paving east approach early August.

West Approaches: Infill in Summit Lake complete end of August. Grade construction complete mid-September 2012.

- MSE Wall 4434R (approximately 475 m in length, adjacent to the CPR) – begin excavation early June, complete installation early September.

Risks/Issues

- Change in material type: Substantially more stripping (old disposal area) on east approach to Overheads. This required additional sub-excavation and back fill with Bridge-end fill material (as specified by Engineer of Record). Approximate net increase to contract value of \$68,000.
- No rock found were anticipated: required small lock block wall construction and rock-blanket stabilization of slopes, from approximately station 115+00 to 115+50 left. The risk addressed was to mitigate risk of construction delay. Otherwise would have required additional right-of-way (Crown land) increased risk of encroachment on drainage to Tonkawatla creek. Substantial risk of contract delay as additional right of way would have required First Nations consultation, as well as review of environmental permits. This would have substantially increased type D material cuts. Approximate net increase to contract value of \$135,000.
- Substantially more boulder blasting than originally estimated: a conditional item in contract units increased from 1,000m³ to 2,700m³. Unit cost negotiations being finalized but contractor position is that required substantial extra work and requesting unit cost increase for approximately 1,500m³ of the work. Approximate net increase to contract value of \$144,000.
- Other miscellaneous extra work order and quantity changes, in consideration, with the above will require a supplemental agreement to increase the contract value by approximately \$475,000 to approximately \$18.51 million.
- Excavation and infill's to Summit Lake and adjacent wet



Overhead from side looking West



Overhead West Approach



Tonkawatla Looking West



Tonkawatla Pullout looking east



West end looking east



lands is yet to be started.

Photo-Pre-Construction:





Highway 1: Donald Bridge and Overhead Replacement

Scope

This project entails replacing the existing Donald Bridge with a new four-lane structure, replacing the existing CPR Overhead with a new structure and approximately 4.0 kilometres of four-laning to a 100 km/hr design standard.

Fiscal Year 2011/12 Accomplishments

Work to Date

- Design complete and all approvals in place.
- Contract tendered and awarded to Flatiron Constructors Ltd. for \$39.6 million
- Construction began February 1, 2011.
- Overall contract 50% complete.
- Clearing and Grubbing completed.
- Roadway excavation completed.
- Grading approximately 60% complete. Aggregate production substantially complete.
- Donald Bridge 65% complete. All Instream works including piling and pier construction complete, girder erection substantially complete. All pier and abutment construction complete. Grading of banks and rip rap placement approximately 70% complete.
- Donald Overhead approximately 25% complete. Approach settlement substantially complete. Begin removal of pre-load and surcharge (ahead of schedule). West pier substantially complete. Work of East pier 70% complete (pier cap formwork installed).

Expected Activities to September 15, 2012

- Donald Bridge: Complete deck formwork, pour deck between mid-June and early July. Complete parapets and railing system by mid-August. Complete all joints and deck drains by the end of August. Finishing work and traffic on structure by mid-September.
- Donald Overhead: Steel erection for span two (over railway) complete. Complete all steel erection by early

July. Deck formwork and deck pours complete early August, parapets and railing system in place by mid-September

- Grading construction: drainage substantially complete by early July. Electrical installation complete by early July. Aggregates placed by early August. Stage 3 detour complete early August. Paving complete end of August. Signing, barriers and rumble strips by mid-September. Re-vegetation complete mid-September.

Risks/Issues

- Substantially more material was unsuitable for construction than anticipated, as well as under-running Type C and Type A materials. Sufficient material to complete pre-load and surcharge for Overhead approaches was not available in a timely fashion. A Supplemental agreement to address these issues and increasing the total value of the construction contract to \$40,339,799 was approved in August 2011.
- Claim in regards to grinding of butt welds for girders on Donald Bridge resolved and settled for \$40,000 in May 2012. Increase in contract value to \$40,379,799.
- Drainage issues have required additional right of way acquisition and additional ditching. Drainage issue with potential impacts to Canadian Pacific railway infrastructure has been identified by the ministry. Anticipate compensating CPR for installation of additional culvert (approximately \$25,000).

Photos before and during construction:

Before:



Current:





May 29, 2011



May 26, 2012 (one year later)



Project Overview: Highway 97A: Pleasant Valley Cross Road to Lansdowne Road

Scope:

This project entails upgrading approximately 4 kilometers of Highway 97A from Pleasant Valley Cross Road to Lansdowne Road to a four lane design standard, including upgrading five intersections (left turn bays and deceleration/acceleration tapers) and a “protected tee” intersection at Smith Road.

Status:

A Schedule D (Affidavit of Completion) was submitted to Transport Canada for this project in March 2012 (signed off March 20th). The completed project is now in service and performing very well.

Photographs

The following photographs are of the project before construction:



The following photographs are of the project during construction:





The following photographs are of the project upon completion:



November 11, 2011
Official Opening
Event – MLA George
Abbott, MP Colin
Mayes, local mayors.





Project Overview: Highway 97: Westside Road Interchange

Scope:

This project entails replacing existing at-grade intersection of Westside Road and Highway 97 with a grade separated interchange and associated road network connections.

Accomplishments Fiscal 2011/12

- Bottom and mid-lift paving on ramps and mainline.
- Construction of MSE Walls "A" and "B".
- Construction of west approach, west abutment and placement of girders.
- Concrete deck pour (interchange).
- Construction of rapid bus and local bus stops.
- Complete electrical installation – luminaires.
- Landscaping.
- Signing.
- Interchange opened on October 29, 2011.
- Detour was implemented at Hwy 97 and Nancee Way to allow construction of the Nancee Way overpass (mid-November 2011).

Milestones

- Complete Westside Road Interchange – October 31, 2011 (opened October 29, 2011).
- Project Completion – August 12, 2012 (initially). Revised (November 2012).

Activities April 2012 – mid-November 2012

- Nancee Way overpass construction is underway.
- Nancee Way Overpass construction involves – utility relocations and installations; MSE Wall construction and the overpass structure – Ledcor's estimated completion is October 2012.
- Top lift paving – scheduled for mid-September to mid-October.
- Finish all landscaping; site clean-up, etc.
- Project completion estimated to be mid-November.

Issues

- On November 20, 2011, MSE Walls B and C failed and the Interchange was closed to traffic.
- This will have an impact on schedule; the milestone date for contract completion (August 12, 2012) will not be met. Ledcor's schedule is showing completion on November 9, 2012.
- Several months were spent determining what caused the failure, designing and implementing the repairs – interchange re-opened on March 12, 2012.
- In addition, changes were required for the North and South walls at Nancee Way Overpass based on the results of the forensic study of the failure.
- Remedial repairs will be required at Wall A as well.

The following photographs are of the project during construction and substantial completion:





COMMUNICATION ACTIVITIES COMPLETED DURING FISCAL YEAR

Communications activities completed during 2011/12 fiscal year, featuring federal/provincial involvement

There were no communication events or news releases for this program during the 2011/12 fiscal year.

A Year-end Summary Table of Expenditures Under the Agreement

Please refer to Table 3 for complete details on year-end expenditures against existing contracts, as of March 31, 2012, for each of the respective milestones:

■ Highway 1: Brake Check to Yoho National Park

15 contracts have been established for a total cost of \$57,221,630.71. A total of \$56,814,488.46 has been expended against these 15 contracts (99.29% of the existing contracts).

■ Highway 1: Golden Hill to West Portal

15 contracts have been established for a total cost of \$43,505,624.51. A total of \$35,784,617.64 has been expended against these 15 contracts (82.25% of the existing contracts).

■ Highway 1: Monte Creek to Pritchard

Eight contracts have been established for a total cost of \$14,123,114.04. A total of \$3,087,065.96 has been expended against these eight contracts (21.86% of the existing contracts).

■ Highway 97A: Larkin Road to Crozier Road

10 contracts have been established for a total cost of \$19,935,536.97. A total of \$19,935,536.97 has been expended against these 10 contracts (100% of the existing contracts).

■ Highway 97: Winfield to Oyama

13 contracts have been established for a total cost of \$46,676,549.43. A total of \$15,309,837.34 has been expended against these 13 contracts (32.80% of the existing contracts).

■ Highway 1: Pritchard to Hoffman's Bluff

Seven contracts have been established for a total cost of \$1,846,945.76. A total of \$982,577.41 has been expended against these seven contracts (53.20% of the existing contracts).

■ Highway 1: Clanwilliam Overhead Replacement

13 contracts have been established for a total cost of \$22,237,523.33. A total of \$10,247,487.97 has been expended against these 13 contracts (46.08% of the existing contracts).

■ Highway 1: Donald Bridge and Overhead Replacement

13 contracts have been established for a total cost of \$50,866,756.19. A total of \$29,928,669.42 has been expended against these 13 contracts (58.84% of the existing contracts).

■ Highway 97A: Pleasant Valley Cross Road to Lansdowne Road

Seven contracts have been established for a total cost of \$13,010,569.63. A total of \$11,643,509.92 has been expended against these seven contracts (89.49% of the existing contracts).

■ Highway 97: Westside Road Interchange

Four contracts have been established for a total cost of \$21,954,000. A total of \$19,712,365.52 has been expended against these four contracts (89.80% of the existing contracts).

Overall, as of the end of the fiscal year 2011/12, 105 contracts corresponding to the 10 projects had been established on the on-line Transport Canada Surface Infrastructure System (SIS) administration system for a total cost of \$291,378,250.57 out of a SIS-active sharable cost of \$431,178,000. A total of \$203,446,156.61 has been expended against these 105 contracts (69.82% of the existing value of the 105 contracts), with \$86,654,041 claimed in the 2011/12 Fiscal Year.

Table 3

CANADA-BRITISH COLUMBIA BUILDING CANADA FUND CORE NATIONAL HIGHWAY SYSTEM – 2008-2009/2016-2017

Schedule of Detailed Expenditure Claims for the Year Ended March 31, 2012

Project Number	Project/Claim Description	Contract Number	Eligible Costs Claimed in 2009/10 (\$)
1.1	Hwy1: Brake Check to Yoho National Park		
	Hired equipment/day labour works	22594_Day_Labour	43,132
	Construction supervision	22594_Field_Serv	2,310,000
	Miscellaneous construction costs	22594_Misc_Const	5,728
	In plant/bridge quality assurance	22594_Qual_Assur	4,610
	Quality verification	22594_Qual_Ver	(51,799)
	Utilities and signage	22594_Util_Signage	6,430
	Grading, paving, drainage, electrical and bridge construction on Phase 3 Segment 4 Kicking Horse Canyon	22594MJ0001	4,012,968
	Owner's engineering	260CS0590A	114,651
	Bridge project supervision	260CS0849A	43,007
	Environmental monitoring	260CS0858A	1,998
	Audit costs	BCF_Audits	24,800
	Subtotal		6,515,525
1.2	Hwy 1: Golden Hill to West Portal		
	Owner's advisor services	043CS4556	–
	Demolition costs	22592_Demo	195,000
	Miscellaneous construction	22592_Misc_Con	17,900
	Quality verification	22592_Qual_Ver	202,584
	Utilities and signage	22592_Util_Signage	81,305
	Design/build contract	22592DB0001	13,708,745
	Intelligent Transportation Systems	22592MJ0006	833,281
	Bike path, grading, retaining wall, paving and drainage construction	22592MJ0007	799,431
	Pavement marking	255PM22890	33,519
	Owner's engineering	260CS0590A	2,002,302
	Bridge in-plant quality assurance services	722CS4678	2,297
	Subtotal		17,878,363
1.3	Hwy 1: Monte Creek to Pritchard		
	Construction cameras	21931_Const_Cam	20,612
	Hired equipment/day labour works	21931_Day_Labour	5,308
	Various engineering services	21931_Engineer	175,747
	Various environmental services	21931_Environ	169,310
	Miscellaneous construction	21931_Misc_Con	1,893
	Utilities and signage	21931_Util_Signage	17,751
	Four laning – Phase 1	21931MJ0000	1,567,274
	Subtotal		1,957,895

Table 3 (continued)

Project Number	Project/Claim Description	Contract Number	Eligible Costs Claimed in 2009/10 (\$)
1.4	Hwy 97A: Larkin Road to Crozier Road		
	Hired equipment/day labour works	20302_Day_Labour	26,251
	Construction supervision	20302_Field_Serv	1,692,000
	Materials testing and inspection	20302_Mat_Test	3,468
	Pavement marking	20302_Pave_Mark	3,182
	Utilities and signage	20302_Util_Signage	1,838
	Grading, paving and bridge construction	20302MJ0001	301,173
	Functional and detailed design	256CS0555	92,086
	Subtotal		2,119,997
1.5	Hwy 97: Winfield to Oyama		
	Construction cameras	11763OP0001	40,807
	Various engineering services	21347_Engineer	815
	Various environmental services	21347_Environ	57,335
	Various geotechnical services	21347_Geotech	72,862
	Utilities and signage	21347_Util_Signage	351,511
	Four-laning Winfield to Oyama	21347MJ0001	12,201,646
	Engineering Services	256CS0851	471,859
	LiDar, Ortho and Caice costs	256CS1004	25,480
	Bridge in-plant quality assurance services	722CS4678	27,424
	Subtotal		13,249,737
1.6	Hwy 1: Pritchard to Hoffman's Bluff		
	Agricultural land assessment services	254LM6193	4,593
	Functional and detailed design	256CS0829	8,645
	Archaeological consulting	256CS0922	13,489
	Subtotal		26,727
1.7	Hwy 1: Clanwilliam Overhead Replacement		
	Bridge in-plant quality assurance services	153CS0612A	775
	Construction cameras	22546_Constr_Cam	10,501
	Fibre optic and culvert upgrades	22546_CPR	20,434
	Various environmental services	22546_Environ	4,350
	Plant inventory report and Wetland inventory	22546_FN	26,740
	Drilling and sampling; materials testing and inspection	22546_Geotec	67,699
	Clanwilliam Overhead No. 0354 replacement	22546MJ0000	7,343,196
	Utilities and signage	22549_Util_Signage	56,813
	Remove approximately 200 m or siding track and relocate main CPR track	254LA0038	2,190
	Bridge and highway design engineering	256CS0903	622,211
	Engineering services – highway design	256CS1003	8,637
	LiDar, Ortho and Caice costs	256CS1004	10,000
	Bridge in-plant quality assurance services	722CS4678	33,101
	Subtotal		8,206,645

Table 3 (continued)

Project Number	Project/Claim Description	Contract Number	Eligible Costs Claimed in 2009/10 (\$)
1.8	Hwy 1: Donald Bridge and Overhead Replacement		
	Bridge in-plant quality assurance services	153CS0612A	180,875
	Donald Bridge and approaches wetland planting	21745MN0001	2,430
	Construction cameras	21745_Construc_Cam	20,498
	Hired equipment/day labour works	21745_Day_Labour	12,310
	Various environmental services	21745_Environ	33,597
	Utilities and signage	21745_Util_Signage	19,204
	Construction of two four-lane structures, and upgrade and realign Highway 1 to two lanes in each direction	21745MJ0001	19,854,238
	Bridge and highway design engineering	256CS0884	228,630
	Materials testing and inspection	256CS0936	8,320
	Site supervision	256CS0981	1,712,072
	Bridge in-plant quality assurance services	722CS4678	29,332
	Subtotal		22,101,506
1.9	Hwy 97A: Pleasant Valley Cross Road to Landsdowne Road		
	Various engineering services	22550_Engineer	86,786
	Various environmental services	22550_Env_Mon	12,198
	Miscellaneous construction costs	22550_Misc_Const	37,603
	Utilities and signage	22550_Util_Signage	(75,316)
	Grading and paving	22550MJ0001	6,416,183
	Pavement marking	255PM22888A	30,570
	Subtotal		6,508,023
1.10	Hwy 97A: Westside Road Interchange		
	Utilities and signage	22402_Util_Signage	485,401
	Phase 1 – construction of network roads and shallow utilities	22402_WFN	526,652
	Phase 2 – construction of interchange, roundabout and Nancee Way Underpass	22402_WFNPh2	7,079,569
	Subtotal		8,091,622
	TOTAL		86,654,041

Annual Audit of Program

The audit evaluated the claims submitted for payment under the agreement to ensure that they are free of material misstatement and that they are consistent with the eligible costs requirements of the agreement. The audit was undertaken in accordance with accepted auditing standards such as the rules of the Canadian Institute of Chartered Accountants by an independent certified chartered accountant (CA). The audit was conducted by the **Office of Auditor General of BC**.



INDEPENDENT AUDITOR'S REPORT

To the Management Committee of the Canada – British Columbia Building Canada Fund, Contribution Agreement for Core National Highway System Projects, 2008-2009 – 2016-2017:

I have audited the accompanying Schedule of Detailed Expenditure Claims for the year ended March 31, 2012 and a summary of significant accounting policies and other explanatory information (together “the schedule”). The schedule has been prepared by management of the British Columbia Ministry of Transportation and Infrastructure using the basis of accounting described in Note 3.

Management's Responsibility for the Schedule

Management is responsible for the preparation of the schedule in accordance with the basis of accounting as described in Note 3; this includes determining that the applicable financial reporting framework is acceptable to the preparation of the schedule in the circumstances, and for such internal control as management determines, is necessary to enable the preparation of a schedule that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express an opinion on the schedule based on my audit. I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the schedule is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the schedule.

In my view, the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the Schedule of Detailed Expenditure Claims for the year ended March 31, 2012 is prepared, in all material respects, in accordance with the basis of accounting as described in Note 3.

Basis of Accounting and Restriction on Use

Without modifying my opinion, I draw your attention to Note 3 to the schedule, which describes the basis of accounting. The schedule is prepared to assist the Government of British Columbia to meet the reporting requirements of the Government of Canada as specified in the agreement. As a result, the statement may not be suitable for another purpose. My report is intended solely for the Government of British Columbia and Government of Canada and should not be used by parties other than the Government of British Columbia and the Government of Canada.

Victoria, British Columbia
July 27, 2012



John Doyle, MAcc, CA
Auditor General

CANADA - BRITISH COLUMBIA BUILDING CANADA FUND
CORE NATIONAL HIGHWAY SYSTEM
2008-2009 / 2016-2017

Schedule of Detailed Expenditure Claims
For the Year Ended March 31, 2012

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	Grading, Paving, Drainage, Electrical & Bridge Construction On Phase 3		
	Segment 4 Kicking Horse Canyon	22594MJ0001	4,012,968
	Owner's engineering	260CS0590A	114,651
	Bridge project supervision	260CS0849A	43,007
	Environmental monitoring	260CS0858A	1,998
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	Engineering services	256CS0851	471,859
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CANADA - BRITISH COLUMBIA BUILDING CANADA FUND
CORE NATIONAL HIGHWAY SYSTEM
2008-2009 / 2016-2017

Schedule of Detailed Expenditure Claims
For the Year Ended March 31, 2012

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	Bridge in-plant quality assurance services	722CS4678	33,101
			8,206,645
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	Bridge in-plant quality assurance services	153CS0612A	180,875
	Donald Bridge and approaches wetland planting	21745MN0001	2,430
	Construction cameras	21754_Construc_Cam	20,498
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	Phase 1 - construction of network roads and shallow utilities	22402_WFN	526,652
	Phase 2 - construction of interchange, round-about and Nancee Way Underpass	22402_WFNPh2	7,079,569
	Sub-total		8,091,622
TOTAL			86,654,041

Approved by:


David Marr
Executive Director
Program Development and Monitoring


Dave Stewart
Chief Financial Officer
Finance and Management Services

**CANADA-BRITISH COLUMBIA
BUILDING CANADA FUND
CORE NATIONAL HIGHWAY SYSTEM
2008-2009 – 2016-2017**

**Notes to the Schedule of Detailed Expenditure Claims
For the Year Ended March 31, 2012**

1. Nature of the Agreement

The Government of Canada and the Province of British Columbia entered into the *Building Canada Fund, Contribution Agreement for Core National Highway System Projects, 2008-2009 – 2016-2017* ("the Agreement") on July 23, 2010.

The purpose of this Agreement is to build, enhance and modernize public infrastructure in British Columbia through a 50/50 cost sharing agreement for eligible costs to a maximum of \$215.589 million.

2. Costs

Eligible Costs:

The Agreement specifies "Eligible Costs" in Schedule A – Eligible and Ineligible Costs, at paragraph A.1. Within certain restrictions, also specified in the Agreement, these include:

- a) *The capital costs of acquiring, constructing or renovating a tangible capital asset, as defined and determined according to accounting principles generally accepted in Canada;*
- b) *The costs of joint communication activities (press releases, press conferences, translation, etc.) and road signage recognition set out in the communication protocol that will form part of the Framework Agreement;*
- c) *All planning (including plans and specifications) and assessment costs specified in the agreement such as the costs of environmental planning, surveying, engineering, construction administration, testing and management consulting services. Canada will contribute no more than 15% of its contribution to this cost;*

- d) *The costs of engineering and environmental reviews, including environmental assessments and follow-up programs as defined in the Canadian Environmental Assessment Act and the costs of remedial activities, mitigation measures and follow-up identified in any environmental assessment;*
- e) *Costs related to project-related signage, lighting, project markings and utility adjustments;*
- f) *Costs of aboriginal consultation;*
- g) *The costs of developing and implementing innovative techniques for carrying out the Projects listed in Schedule B;*
- h) *Province of British Columbia audit and evaluation costs as specified in the agreement and;*
- i) *Other costs that, in the opinion of Canada, are considered to be direct and necessary for the successful implementation of the Projects and have been approved in writing prior to being incurred.*

Ineligible Costs:

The Agreement specifies "Ineligible Costs" in Schedule A – Eligible and Ineligible Costs, at paragraph A.2. as:

- a) *Costs incurred before the date indicated by the Minister in writing to the Province of British Columbia following the Minister's approval of any Project listed in Schedule B;*
- b) *Costs incurred after the Agreement completion date;*
- c) *The cost of developing a business case or proposal for funding;*
- d) *The cost of purchasing land and associated real estate and other fees;*
- e) *Financing charges and interest payments on loans;*
- f) *Leasing land, buildings, equipment and other facilities;*
- g) *General repairs and maintenance of a Project work and related structures, unless they are part of a larger capital expansion project tied to capital expansion;*
- h) *Services or works normally provided by the Province of British Columbia, incurred in the course of implementation of the Project, except those specified as Eligible Costs;*
- i) *The cost of any goods and services which are received through donations or in kind;*
- j) *Employee wages and benefits, overhead costs as well as other direct or indirect operating, maintenance and administrative costs incurred by the Province of British Columbia, and more specifically costs relating to services delivered directly by permanent employees of the Province of British Columbia, or of a Crown Corporation or corporation owned and controlled by the Province of British Columbia except as per A.1 i) above or in cases where the Province of British Columbia can demonstrate value for money and that the costs are incremental;*

- k) *Provincial sales tax and the Goods and Services Tax for which the Province of British Columbia is eligible for a rebate, and any other costs eligible for rebates; and*
- l) *Legal fees.*

3. Basis of Accounting and Accounting Policies

All transactions and financial data relating to the expenditures under this agreement have been accounted for in accordance with Canadian Generally Accepted Accounting Principles.

The Eligible Costs Claimed in 2011/2012 represent the actual value of claims submitted to the Federal Government during the 2011/2012 fiscal year. Canada agrees to pay a contribution to the Province of British Columbia of not more than 50% of the total Eligible Costs, subject to the terms and conditions of the Agreement. Eligible costs claimed in 2011/2012 may include expenditures incurred in fiscal 2008/09, 2009/2010 or 2010/2011 that were submitted for reimbursement during fiscal 2011/2012.

Canada British Columbia Building Canada Fund

ANNUAL REPORT 2011/12
Fiscal Year Ended March 31, 2012



Transport
Canada

Transports
Canada