Page 001 to/à Page 003

Withheld pursuant to/removed as

s.22;s.17

Page 004

Withheld pursuant to/removed as

s.14;s.22;s.13;s.17

Page 1 of 1

Road File # 2003

Glen ACRE

### Miller, Stewart TRAN: EX

From:

Saby, Jeff TRAN:EX

Sent:

Thursday, July 29, 2004 11:40 AM

To:

Miller, Stewart TRAN:EX

Subject: RE: Protective Fencing Glenacre Road

Thanks for looking after that Stew...much appreciated!

### Jeff Saby

Area Manager Roads, Kamloops East Thompson Nicola District, Ministry of Transportation, 441 Columbia Street, Kamloops B.C., Canada V2C 2T3 Ph (250) 314-6132 Fax (250) 314-6153 Cell (250) 371-7726 Wireless e-mail: jsaby@telus.net

----Original Message-----

From: Miller, Stewart TRAN:EX Sent: Friday, July 23, 2004 4:01 PM

To: Saby, Jeff TRAN:EX Cc: Eland, Sherry TRAN:EX

Subject: Protective Fencing Glenacre Road

Just a quick note to let you know that the fencing at the cul de sac on Glenacre Road is complete. This will hopefully keep residents back from the river bank and complete our commitment to \$.22

### Stewart Miller

Area Manager Ministry of Transportation 441 Columbia Street, Kamloops, B.C. V2C 2T3 Ph (250) 314-6139 Fax (250) 314-6153 Cell (250) 320-0344



Our File: Glenacre # 2003

June 11, 2004

s.22

COPY

Dear Is.22

Re: River Bank Erosion your letter dated April 26, 2004

I would like to thank you for your letter regarding the river bank erosion at the turn around on Glenacre Road.

The Ministry realizes that there is an ongoing erosion problem at this site. Our recent site inspection has determined that the river bank at the turnaround and a section just north will have to be np rapped to correct future erosion. Funding will be persued to repair this site but as explained to you by Stewart Miller this site will have to be ranked against other higher priority sites for funding.

A fence will be installed as soon as possible at the turnaround site as a safe guard to keep residents back from the river.

If you have any further questions please contact Jeff Saby, Area Manager by phone at 314-6132

Yours truly,

S. Eland, P. Ag., R.P. Bio., R.P.F. District Manager Transportation

Stantagille

by:

Stewart Miller

Area Manager, Kamloops West

Cc Jeff Saby, Area Manager, Kamloops East

Jeff-Investigate
E respond
World #2003

World #2003

World #2003

World #2003

April 26/04

Dear Ms. Eland:

This is to inform you of an ongoing erosion problem on Glenacre Road, McLure, turnaround. Ten years ago we wrote to Jerry Beddington regarding this problem. He, in turn, brought it to the attention of the District Manager. Four years ago we met with Stu Miller. He placed a DANGER sign beside the river at the end of Glenacre Road.

The provincial government has required us to upgrade our foreshore with the placement of rip-rap. We have done so, up to our fence-line. As a result, when this year's high water meets the rip-rap, it will penetrate three to four metres into the public turnaround. Unless this erosion problem is given attention, the school bus driver and local residents, who turn around their log trucks at this location, risk tumbling into the undercut bank. This turnaround is a favourite place for travelers to get out to stretch their legs. Last summer, a woman who had stopped to admire the river, found the bank crumbling beneath her. She fell into the river and ended up pulling herself onto shore at s.22 s.22.

fifty metres of rip-rap for us.

We look forward to your early response.

Sincerely,

s.22



## <u>ORDER</u>

## WATER ACT

## SECTION 18

File Number A3-6108

Approval Number A306108

Having determined that no one's concerns would be injuriously affected the above noted approval document is amended as follows:

Clause D The works authorized shall be completed on or before September 30,

2007.

Clause E Instream work shall be undertaken during the period September 14, 2007

to September 30, 2007 to minimize the impact on the fisheries' resource.

Clause P Prior to carrying out any maintenance of the works under this approval,

the holder is to attain the consent of the Regional Water Manager,

Thompson Cariboo Region.

Dated at Kamloops this 14th day of September, 2007.

Duane Wells, P.Ag.

Assistant Regional Water Manager

Water Stewardship Division

Ministry of Environment

44



File: A3-6108

September 14, 2007

Ministry of Transportation 441 Columbia Street Kamloops BC V2C 2T3

Attention: Shawn Clough

Dear Shawn:

Re: Approval Application for Changes in and about North Thompson River - Bank Protection (Glenacre Road)

Approval for the above has been amended by the following Engineer's Order.

The original copy of the Approval or a copy of it and this Engineer's Order should be kept at the work site so that it may be shown to a Ministry official upon request.

If you have any questions or concerns regarding this Approval, please contact the Regional Water Management Office.

Yours truly,

Duane Wells, P.Ag.

Assistant Regional Water Manager

Water Stewardship Division

Ministry of Environment

Duce in

Attachment

pc: Fisheries & Oceans Canada, Kamloops, Attn: Sheldon Romain

Conservation Officer Service, Kamloops, Attn: Rick Hildebrand

Front Counter BC – Kamloops

Argo Road Maintenance, 955 Concordia Way, Kamloops BC V2C 6K7

Attn: Mike Anderson or Tom Bone



File: A3-6108

April 11, 2007

Ministry of Transportation 441 Columbia Street Kamloops, B.C. V2C 2T3

Attention: Shawn Clough

Dear Shawn:

Re: <u>Stream Work Notification - North Thompson River - Bank Protection (Glenacre Road)</u>

Approval for the above has been granted, and the approval document verifying this is attached.

This Approval or copy of it should be kept on the work site so that it may be shown to a Ministry official upon request.

If you have any questions or concerns regarding this Approval, please contact the Regional Water Management Office. You should contact your local government (local or municipal) to determine if there are any additional requirements.

Yours truly,

Duane Wells, P.Ag.

Assistant Regional Water Manager

Dua not

Water Stewardship Division

Ministry of Environment

pc:

Fisheries & Oceans Canada, Kamloops, Attn: Tola Coopper

Conservation Officer Service, Kamloops, Attn: Rick Hildebrand

Front Counter BC - Natural Resource Opportunity Centre



### APPROVAL

### Changes in and about a stream

### WATER ACT - SECTION 9 (1)

Ministry of Transportation, 441 Columbia Street, Kamloops, B.C. V2C 2T3 is hereby authorized to make changes in and about a stream as follows:

- The stream is the North Thompson River.
- B. The changes to be made in and about the stream are construction of a 50 m length of riprap bank protection within the south end of Glenacre Road (McLure) as submitted with application.
- C. All works shall comply to design plans submitted by the Ministry of Transportation for the application.
- D. The works authorized shall be completed on or before April 21, 2007.
- E. All work shall be completed in the "dry".
- F. No silt, or other deleterious substances, shall be allowed to enter the water. This must be ensured through the use of appropriate cofferdam materials.
- G. All work shall be conducted from the top of the bank. No equipment shall be operated in the channel.
- H. All conditions in Tola Coopper's, Department of Fisheries and Oceans Letter of Advice dated April 4, 2007 regarding your proposal must be met.
- I. The holder of this approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this approval.

Date: April 11, 2007

File: A3-6108 -2-

J. This approval does not authorize entry onto privately held land.

- K. Vegetation along the North Thompson River shall be disturbed as little as possible.
- L. All excavated material and debris shall be placed in a stable area above the high water mark and protected from erosion by planting grass and/or vegetation.
- M. Any machinery operated on the site shall be in good repair and be free of hydraulic leaks and excess surface oil and grease.
- N. Rock used as riprap shall be clean, durable, angular in shape and suitably graded and sized to resist movement by freshet flows.
- O. Where rock riprap is used to protect against erosion, the streambank must be pulled back to a 2:1 slope (2 horizontal and 1 vertical) before the bank is protected. The riprap shall be placed at a slope no steeper than 2:1, and shall have an entrenched toe/apron of rock placed on the streambed at the toe of the slope. The resulting protected channel must have a cross-sectional area greater than or equal to the present cross-sectional area.
- Ρ. The upstream end of the riprap must be keyed (trenched) back into the bank so that the bank protection is not outflanked by erosion farther upstream.
- Q. Department of Fisheries and Oceans office in Kamloops (851-4950) shall be notified one day prior to commencement of the work.
- R. Prior to carrying out any maintenance of the works under this approval, the holder is to attain the consent of the Regional Water Manager, Southern Interior Region.

Duane A. Wells, P.Ag.

Assistant Regional Water Manager

Duan not

Southern Interior Region

File: A3-6108 Date: 11 April 2007 Approval: A306108













### **Glenacre Road Erosion Site - McLure** Copyright Fort St. John Terrace Quesnel Legend × Railway Xings Structures Bridge © Culvert S Sign **Tunnel** Wall Other ✓ CENTRE LINES Water - Text (TRIM) Communities Water - Points (TRIM) Rapids + Dam Flooded Land - Inundated Marsh Swamp Sand/Gravel Bar Arrowhead Island - Definite Island - Position Approximate Water Level Sinkhole TWA - Linear Water Water - Lines (1:250K) Conduit - Aboveground Conduit - Electrical - Underground Canal - Irrigation / Falls ✓ Penstock Scale: 1:24,829 This map is a user generated static output from an Internet mapping site and is for general

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

### Glenacre Road Bank Stabilization Project Photo Descriptions

### Photo DSC00216

This photo is taken looking north approx 3 m onto <sup>s.22</sup> property. It documents the start of the MOTI project limits and shows the bank erosion necessitating the rip rap placement to protect our infrastructure. Taken 2007-03-20 by S Clough

### Photo DSC00406

This photo is taken looking north approx. 5 m onto \$.22 property. It documents the lack of adequate re-sloping of \$.22 bank stabilization works. It clearly shows highly erodible soils and oversteepened bank as well as fallen rip rap into the river channel. Taken 2007-06-29 by S Clough

### Photo DSC00407

This photo is taken looking north approx. 1 m onto <sup>s.22</sup> property. It documents the lack of adequate re-sloping of <sup>s.22</sup> bank stabilization works. It clearly shows highly erodible soils and oversteepened bank. Taken 2007-06-29 by S Clough

### Photo DSC00408

This photo is taken looking north approx. 0.5 m onto <sup>s.22</sup> property. It documents the highly erodible soils and oversteepened bank adjacent to Glenacre Rd. Taken 2007-06-29 by S Clough

### **Glenacre Post**

This photo is taken looking north. It documents the final placement of rip rap by Argo. Note the sloped bank at 1.75:1, gravel base to seal away the erodible soils and angular rip rap. Taken 2007-09-18 by S Clough

### **Glenacre Pre**

This photo is taken looking north. It documents the erodible soils and oversteepened bank. Taken 2007-08-30 by S Clough

### Photo IMG0601

This photo is taken looking north. It documents the erodible soils and oversteepened bank. Taken 2007-08-30 by S Clough

### Photo IMG0602

This photo is taken looking north. It documents the erodible soils and oversteepened bank. Taken 2007-08-30 by S Clough

### Photo IMG0603

This photo is taken looking west into the North Thompson River channel at the edge of s.22 property. It documents the non-angular rip rap that has rolled from s.22 bank protection works into the river channel. Taken 2007-08-30 by S Clough

### Photo IMG0605

This photo is taken looking north. It is also called Glenacre Post. It documents the final placement of rip rap by Argo. Note the sloped bank at 1.75:1, gravel base to seal away the erodible soils and angular rip rap. Taken 2007-09-18 by S Clough

### Photo IMG0606

This photo is taken looking west into the North Thompson River channel on the property boundary. It documents the tie in of MOTI rip rap to \$.22 protective works. Taken 2007-09-18



# Approval Application or Notification for Changes In and About a Stream

# Under Section 9 of the Water Act and Part 7 of the Water Act Regulations

Incomplete or inaccurate forms do not constitute **Notification** & will not be accepted.

Proceeding with works after submission of an incomplete or inaccurate form would be a violation of the Water Regulation

<u>⊠</u> ⊟ APPRC	OVAL APPLICATION		DIFICATION (see USERS GUIDE)			
1. Applicant Information						
Name: ——Ministry of Transportation – Thompson Nicola District – Attention: Shawn Clough						
Address: :441 Columbia Stre	Address: <u>:441 Columbia Street</u>					
City: : Kamloops		Provinc BC	ince: <u>V2C 2T3</u>			
Phone: <u>:250-314-6146</u>		e-mail:	shawn.clough@gov.bc.ca			
2. Location of Works						
Street Address of Works (or neare	est town): ): South End	d of Glena	cre Road (McLure)			
Stream Name: : North Thom	pson River	F	Flows Into:Thompson River			
Location on Stream: : East E	Bank, just south of McLure F	erry Cros	sing, back channel			
Reference Landmarks: : End	d of public road		Amount of disturbance in m <sup>2</sup> :: 200			
Multiple Sites: YES/NO:			Number of sites:——:1			
Latitude: <u>: 51 1" 22'</u>	Longitude: —— <u>120 13" 40'</u> Elevation:					
Legal description of property where work is proposed:						
3. Drawing, Plan and Site Map						
1. Attach drawing showing lot boundaries, location of buildings and of proposed works, stream direction and flow.						
<ol> <li>Attach a key map at an appropriate scale showing the location of the site.</li> <li>Attach engineering drawings (may be required for works identified with <sup>E</sup> under Requires Approval section below).</li> </ol>						
4. Proposed Timing for Work			,			
Start (day/month/year):	9/04/2007 F	inish (day/	/month/year): ):23/04/2007			
FOR OFFICE USE ONLY						
Date Received:	ate Received: Water File Number:					
Client I		lient Numbe	ent Number:			
Application		pplication N	Number:			
	Amount Received:					
	R	eceipt Num	ber:			

5. Type of Works				
Requires Approval:	Requires Notification:			
Bank Erosion Protection E Bridge Installation/maintenance/removal (other than clear span) E Stream Diversion P Diversion berm structure plan required Large Debris Removal – by machine P plan required Gravel Removal Other: Provide details in space below *Provide culvert dimensions: Length:  Width:  Diameter:  Professional Engineer may be required QP Qualified Professional may be required	☐ Installation*/maintenance/removal of road crossing culvert (*follow Forest Practices Code Stream Crossing Guidebook) ☐ Construction/maintenance/removal of a clear span bridge ☐ Construction/maintenance of a pipeline crossing ☐ Construction/maintenance/removal of a pier or wharf ☐ Cutting of annual vegetation in a stream channel ☐ Repair/maintenance of existing dike or erosion protection works ☐ Construction/maintenance of storm water outfalls ☐ Control of Eurasian Watermilfoil or other aquatic vegetation ☐ Construction/maintenance of ice bridge, winter ford or snowfall ☐ Maintenance of minor and routine nature by a public utility ☐ Removal of a beaver dam (As authorized under the Wildlife Act) ☐ Small debris removal — by hand ☐ Construction of a temporary ford ☐ Construction of a temporary diversion around a worksite			
, ,				
The following require Notification and may only be undertaken by the Crown in right of either Canada or British Columbia, or their Agents:  Federal/Provincial  Construction/maintenance/removal of a flow or water level measuring device  Construction/removal of a fish fence or screen, fish or game guard				
Restoration/maintenance of <b>fish habitat</b>				
The following require Notification <u>and</u> may only be undertaken by the Crown in right of either British Columbia, or a Municipality, or their Agents:  Provincial/Municipal				
☐ Restoration/maintenance of a <b>stream channel</b>				
☐ Clearing of an obstruction from a bridge or culvert during a flood emergency <sup>1</sup>				
☐ Construction or placement of <b>erosion protection works or flood protection</b> works during a flood emergency <sup>2</sup>				
<ul> <li>Some activities fitting the description for Notification may be reviewed by Ministry/Agency staff, who may decide that an Approval is required</li> <li>Must be completed under direction of the Crown. No notification is required prior to undertaking works, but a description of changes must be submitted to a habitat officer within 72 hours of the change</li> <li>QP means a professional who through suitable education, experience, accreditation and knowledge may be reasonably relied on to provide advice within their area of expertise.</li> </ul>				
Detailed Description of Work to be Performed (continue on next page):				
Total area disturbed by proposed works (all sites):				
The project is a straight forward rip rap placement p will be placed to the toe of the eroding bank, at the 1m rip rap at a slope of 1.25:1 to a height of ~ 4 m a All work is proposed to take place outside of the wapit north of Barriere.	broject that should not require in-stream work. Large diameter rip rap low water mark. The bank does not require re-sloping, just addition of above the low water mark (see typical drawings).  ter, with rip rap and gravel being imported to the site from the Peterson			
Small woody debris will be incorporated into the rip rap at existing water level to supply fish habitat complexity.				

Detailed Description of Work to be Performed, continu	ued (attach a separate document if mo	re space is required):
We are in process of getting written approval to proceed,	owner is working in Kelowna. Have rece	ived verbal approval.
6. Land Ownership		
Please check one of the following:		
☐☐ The applicant is the owner of the property.		
☐ The property is Crown land. Tenure/licence number:		
□ The property is owned by the following Landowner	(i.e. Landowner is different from applican	t):
Landowner's Name: ——s.22		
Address: _—— <u>Glenacres Road</u>		
City: ——Kamloops	Province: :BC	Postal code:
Phone:	e-mail:	
Do you have the Landowner's written approval to enter the Note: a) Ownership of all parcels of land on which the proposed approval with the application, but keep it for your files as you may	works will occur must be identified, b) do not	
7. Who is doing the Work?		
Contact information for company designing and supe	rvising construction of the work (if diffe	erent from applicant):
Company Name:		
Contact Name:	Professional Affiliation:	
Address:		
City:	Province:	Postal Code:
Phone:	e-mail:	
Contact information for company undertaking the con	struction (if different from applicant):	
Company Name:		
Contact Name:		
Address:		
City:	Province:	Postal Code:
Phone:	e-mail:	

	changes in and about a stream in	understood and will meet the requirements to accordance with Section 9 of the <i>Water Act</i> an tions, <b>Terms and Conditions</b> as specified by a	d Part 7 Water Act
	Signed:	Application Date:	.05/04/2007 day/month/year
	9. Submission Instructions		
	works are located. Addresses for Approval application fee of \$13	ith the following attachments to the local office local offices are listed on the instruction sheet. <b>0 is non-refundable.</b> If the proposed works reation please ensure that this project will be able	Please note that the quire an Approval, prior to
		☐ Engineering drawing (mandatory for works red	quiring approval noted with <sup>E</sup> )
		☐ For works requiring an Approval, a cheque or to: Minister of Finance. The fee is non-refund	
	10. Responsibilities		
	anticipate that the planned work n should send a copy of your compl	Il applicable federal, provincial and municipal la nay result in harmful alteration, disruption or de eted Notification/Approval Application directly to Review and comment by DFO may necessitate	struction of fish habitat you o the nearest office of
	Has a copy of this notification/app YES ⊠ NO □	roval application been sent to Fisheries and Od	ceans Canada (check one)?
	If YES, indicate the DFO office the Users' Guide):	at the notification/approval application has beer	n sent (for DFO offices, see
ı			

By submitting this application form, I declare that the information contained on this form is complete and

8. Statement of Intent

Kamloops Office - Attention: Tola Coopper













### Ministry of Transportation

# LICENSE FOR CONSTRUCTION ACCESS

PROJECT: DATE:	Glenacre Site Restoration April 11, 2007	_ FILE: _ AGENT:	Karen Doyle
LICENSOR:		LICENSEE:	Her Majesty the Queen in Right of the Province of British Columbia as
	(hereinafter called "the Licens	sor")	represented by the Minister of Transportation (hereinafter called "the Licensee")

GRANT: For and in consideration of the sum of One Dollar (\$1.00), being sufficient consideration in full, receipt of which is hereby acknowledged by the Licensor, the Licensor grants the Licensee and the employees, contractors, agents and invitees of the Licensee together with their machinery, vehicles, supplies, and equipment, a right to enter upon and occupy the following described lands:

Parcel Identifier No.: Legal Description: Civic Address:

(the "Property"), and conduct the Activities (as hereinafter described) on the following terms and conditions:

### 1.00 COVENANT NOT TO REVOKE:

1.01 For and in consideration of the promise by the Licensee to pay the sum of One dollar (\$1.00), being sufficient consideration in full, the Licensor covenants not to revoke this License.

### 2.00 ACTIVITIES:

2.01 The Licensee has, for the Term of this License, the right to enter and occupy the Property for purposes of completing the following project: Glenacre Road Erosion Site Restoration (the "Project"), and all things pertinent and incidental to the Project, including without limitation, access to the site, excavation and placement of rip rap at slump, placement of end haul material at preapproved locations (grass seeded), & general site cleanup of construction area; clearing, constructing, restoring the Property, adjusting slopes, placing sand/soil as preload, rehabilitating existing driveway, aligning grades, constructing and maintaining a public work, roadway, street, curb, gutter, sidewalk, fencing, sewer line, water line, or drainage basin (the "Activities").

### 3.00 TERM:

3.01 The right to enter, occupy, and conduct the Activities upon the Property shall commence on the 11th day of April, 2007 and end on the 31st day of March, 2008, (the "Term").

### 4.00 OPTION TO RENEW:

4.01 The Licensor covenants to renew this license on the same terms and conditions upon receipt of a notice from the Licensee, prior to the expiry of the Term.

### 5.00 RESTORATION:

5.01 Upon expiry of the Term, the Licensee will repair or replace all underground services disturbed, damaged, or destroyed in completing the Project. The Licensee will clean up the Property and dispose of all debris resulting from the Licensee's Activities, or agreed as follows: Place rip rap along the bank of the North Thompson River from the end of Glenacre Road to the birch trees on the property. No other restoration will be completed by the Ministry upon expiry of the License.

### 6.00 LIMITATION OF FURTHER CLAIMS:

6.01 In consideration of the sum of \$1.00 and other valuable consideration now paid by the Licensee to the Licensor, the receipt and sufficiency of which is hereby acknowledged by the Licensor, the Licensor further agrees to release the Licensee including the employees, servants, agents, contractors and assigns of the Licensee from any and all claims, actions, demands, losses, damages, costs, and expenses under the *Expropriation Act*, R.S.B.C. 1996, c.125, the *Highways Act*, R.S.B.C. 1996, c.188, and the *Ministry of Transportation and Highways Act*, R.S.B.C. 1996, c.311, based upon or arising out of or in connection with the Activities of the Licensee, its employees, servants, agents, contractors and assigns under this License.

### 7.00 NO WARRANTIES:

7.01 There are no commitments, representations, warranties, guarantees, promises, or agreements, other than those contained herein.

### 8.00 FUTURE DISPOSITIONS OF THE PROPERTY:

8.01 The Licensor covenants not to transfer, assign, or otherwise dispose of the Property without giving Notice to the Licensee, and until the Licensee has obtained a similar license from the proposed transferee. The Licensor covenants to obtain a similar license between the Licensee and any proposed transferee. The Licensor will not be released from these obligations until the license has been executed with the proposed transferee.

### 9.00 CROWN FUNDS:

9.01 For the purposes of the *Canadian Excise Tax Act, R.S.C. 1985, c. E-15*, and the Goods and Services Tax, this is to certify that the Property and/or the services ordered and/or acquired hereby are for the use of, and are being acquired with Crown funds, by the British Columbia Ministry of Transportation.

### 10.00 NUMBER AND GENDER:

10.01 In this License any reference to a party includes that party's heirs, executors, administrators, successors, assigns, servants, agents and employees, singular includes plural, and masculine includes feminine and neuter as the case may be.

### 11.00 RELEVANT LAW:

11.01 This License will be governed by and construed in accordance with the laws of the Province of British Columbia.

### 12.00 NOTICE:

12.01 Any notice required or permitted to be given hereunder will be delivered or mailed by prepaid registered mail to the addresses herein or at such other address as either party may from time to time designate by notice in writing to the other. Any notice delivered will be deemed to be given upon acceptance by the receiving party. Any notice mailed by prepaid registered mail will be deemed to be given 72 hours after mailing.

### 13.00 OFFER AND ACCEPTANCE:

13.01 This offer will be open for acceptance until **12:00** o'clock **p.m.** on the **12<sup>th</sup>** day of **April**, **2007** (the "Expiry Time"), and upon acceptance and notification of the Licensee by delivery of a signed copy of this document prior to the Expiry Time, this offer shall become a binding License.

Dated this 12th day of Apr	il, 2007.
	X
Witness	Karen Doyle, Property Acquisition Coordinato Authorized Signatory for Her Majesty the Queen in Right of the Province of British Columbia as represented by the Minister of Transportation
Address	523 Columbia St., Kamloops, BC, V2C 2T9 Address
The licensor accepts the all herein, on this day of	bove offer and agrees to the terms and conditions set forth of
	X
Witness	
Address	Address
	X
Witness	
Address	Address

Page 035

Withheld pursuant to/removed as

DUPLICATE

### Ministry of Transportation and Highways **DETAILS OF ROAD**

page

Contract Area

: 15 THOMPSON

Road Name: GLENACRE

Area Manager Area

C BARRIERE

Arterial No Sub Area:

Route/Road No : 2003

**Electoral District** 

100.00 % 19 Kamloops - North Thompson

0.00 % 0.00 %

0.00 %

0.00 %

### **CLASSIFICATIONS**

FUNCTION		SURFACE		OPERATION			
Organized: Arterial Secondary Unorganized: Trunk Main Collector Minor	1.095	A-PC A-BPM O B T C D Total open	1.095 1.095	Su 1 2 3 4 5 6 7 8	1.095	W A B C D E F	Inter 1.095
Unconstructed:	··· <u>-</u>	F Total unopen		_			
Total	1.095	Total	1.095	Total	1.095	Total	1.095

Definitions of these classifications may be found in the Manuals of Policy and Procedures and Maintenance Management

Initial Point

McLure Ferry Road (km 0.5)

Terminal Point

S.W. Comer Lat 10, P. 16466

Establishment:

When 66/07/01

How Legal Survey

Date Compiled : 84/08/01

or Revised

96/03/08

Trans to ERR 01/03/12

6C

6Ç

Art"V" change class

11

11 11

11

II

11

Km 0.000

0.386

1.095

Remarks : Cadastral Map - 92.P.009.2.4, 2.2

Air Interim Map - 92.P/1b

Junctions and Structures

#### **KILOMETRE LOG**

Legal Status

Road Name: GLENACRE

**MCLURE FERRY** 

POPLAR ROAD

END OF ROAD

Road No:

Leg Svy

P. 16466

Leg Svy

P. 16466

Leg Svy

P. 50840

2003

11

77

77

R/W Width

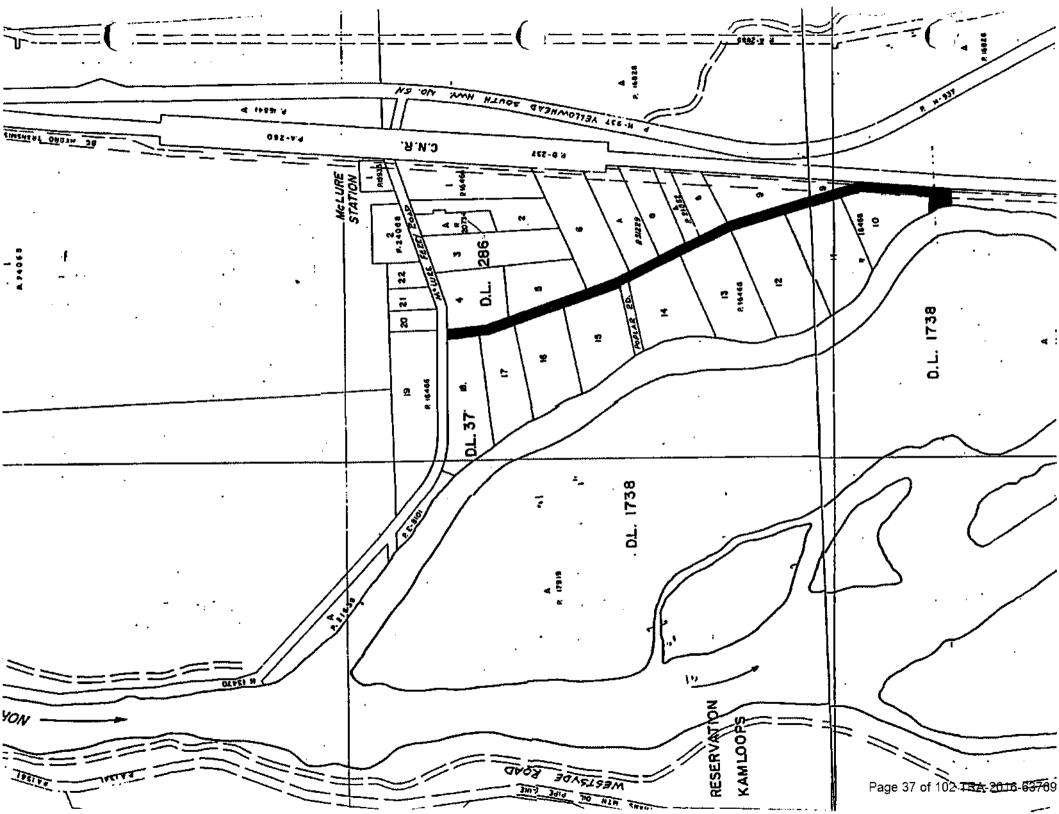
20

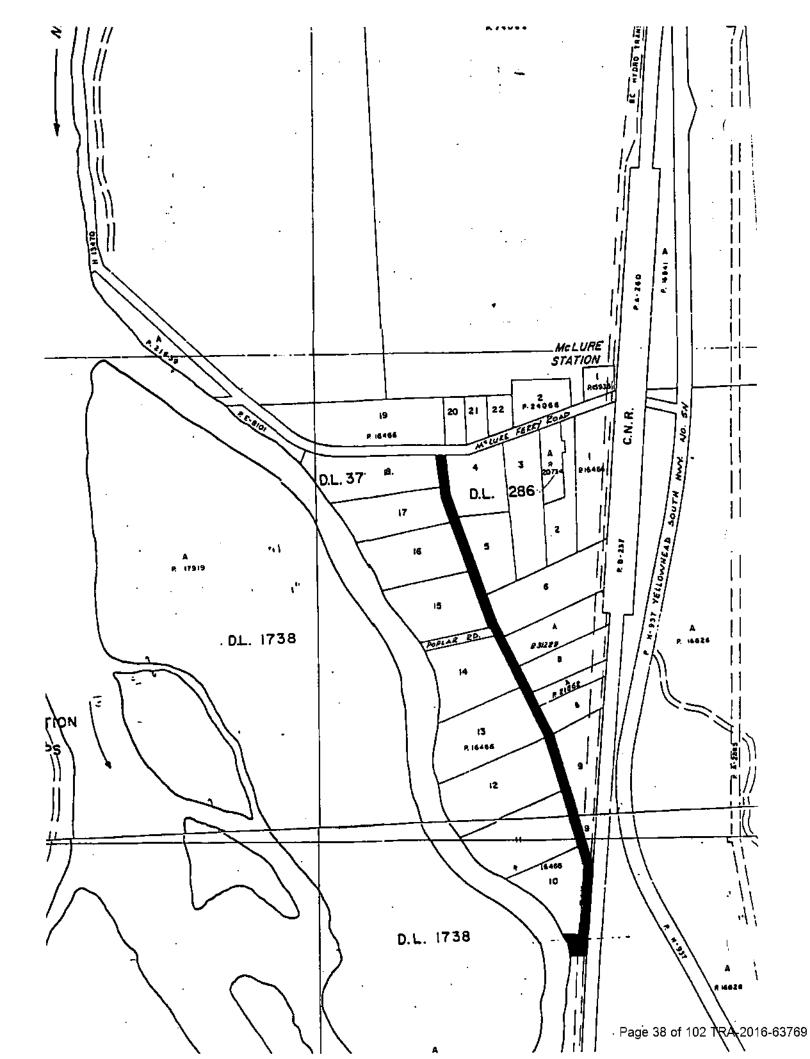
20

20

References/Landmark	
45974 +	0.000
45984 +	0.000
45994 +	0.000

Page





Page 039 to/à Page 040

Withheld pursuant to/removed as

# Rip-Rap Damage do to improper link to existing Rip-Rap

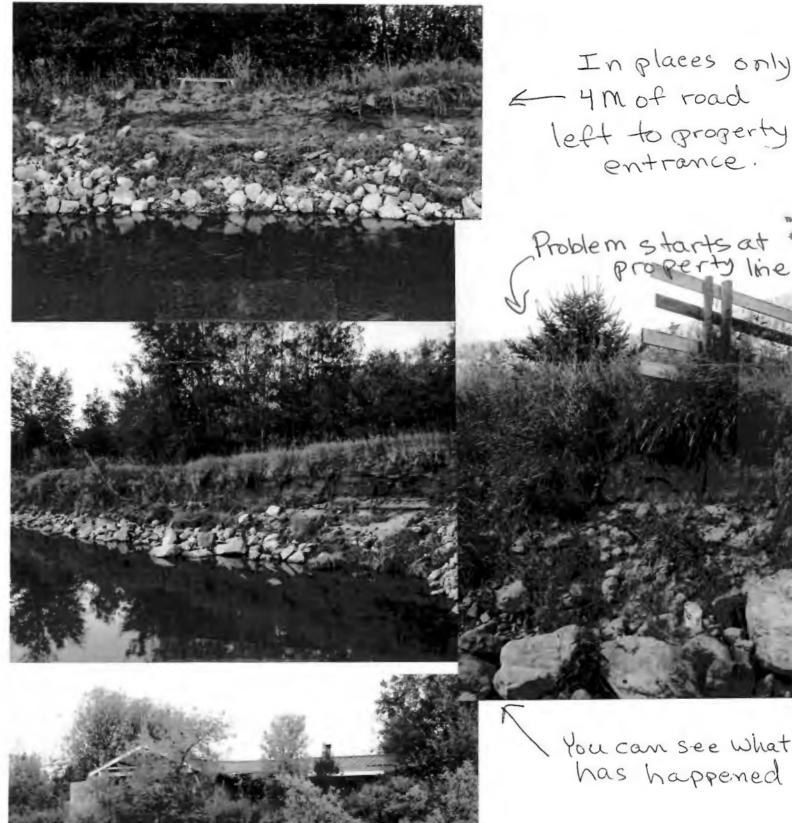


At the fence line the RipRof was not tied to our Rip-Rap.



Original Fisheries Opproved Rip-Rap

And now, to the left, the mess we are left with. No access presently to our



You can see what has happened

K further down the Property - Water is now deflected into existing buildings + hydro

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File: Glenacre Rd No. 2003

October 27, 2014

Re: River Bank Protection - Glenacre Rd No. 2003, McLure

Dear s.22

The Ministry is in receipt of your letter dated October 1, 2014 regarding riverbank protection work near the end of Glenacre Road in McLure.

In your letter you suggest that the Ministry has in some way caused damage to your property as a result of the placement of rip-rap on the banks of the North Thompson River upstream from your property. You said that you have advice from a Hydrological Engineer that suggests that work done for or by the Ministry is in some way inadequate. We would be most interested to see the report from the Engineer and details of what the deficiencies were/are.

The Ministry disagrees with your assessment of the situation for the reasons below.

It appears to the Ministry that the rock that you placed adjacent to your property is NOT well graded which produces large voids between the boulders where vortices in the river flow can wash fine soils and small gravel from beneath the large rock and deposit them into the river itself. We also noted that the rock that was used on your river bank does not appear to have been blasted ("shot rock"), at least in the specific areas where erosion has taken out large areas of land adjacent to your access. Shot rock is used specifically for the sharp angular sides that are produced by blasting. These sharp edges help the rock to knit together when properly placed. This helps to provide a tight surface which will not move with the waves and currents that are typically present in a fast flowing river.

One of the pictures that you provided to us (Photo 1) shows very clearly the contrast between the Ministry section and your section of the river bank. Both the size of rock that was used and the angular properties that are so necessary for a good installation are evident in the picture below. Some rock has sloughed from the Ministry side of the property line due to what we feel is inadequate support of the bank on your side of the fence.

Another picture that you provided to us (Photo 2) clearly shows the difference in the performance of the two types of installations. That section is entirely within your section of the river bank as you note on the picture included with your letter to us. One section to the left of the photo shows rounded, river wash boulders as seen in Photo 1, with limited amounts of small, sharp rock. To the right is an installation more like that installed by the Ministry. The section to the left has failed, washing away most of the river bank back to your road. By contrast the section to the right, which is constructed more like the Ministry section is intact and seems to be functioning well. Vegetation has also grown between the rock adding to the protective properties of the rip-rap.

We also note that the height of your protective rip-rap (area that you constructed) is well below what appears to be the high water mark on the river bank. Unfortunately, the most important section of the river bank requiring protection is the highest portion of the bank by its very nature. More powerful currents and turbulent waters occur with increased flows.

The Ministry has considerable experience with the production and placement of rip-rap. The costs that you suggest s.22 would appear to be inadequate based on the numbers that you have provided in your letter. We would suggest that perhaps the rock that you imported into the site was inadequate both in gradation and volume to provide the necessary protection.

Drilling and blasting of rock alone runs right around \$11 per cubic meter with no cost for the rock itself and zero profit. Sorting, hauling and placement of the rock from a <u>nearby</u> source will be easily double that cost, bringing the cost of the rock to a minimum of \$33-35 per cubic meter in place.

The proper placement of rock requires the keying of the rock into the river bottom and placement of a meter deep by the length of the slope including the keyed area. By our calculations a section of river bank 200m in length would require more than 2400 cubic meters of rock to properly protect the bank. At the lower cost \$33 per cubic meter of rock in place costs to properly protect your property should have been at least \$80,000 not the \$.22 that you said was spent, and those costs could easily range to over \$100,000 in a fair market situation to armour two hundred meters of river bank.

In your letter you also suggested that the Ministry through Argo Road Maintenance constructed river bank protection on private land north of the cul-de-sac. I would just like to clarify that the Ministry did not construct river bank protection on private land. We did however obtain permission to access the river bank across private land in order to construct the protection necessary for the cul-de-sac. That work was below the High Water Mark which is Crown Land. Please note the height to which the rip-rap was placed in anticipation of high water. It was necessary for the Ministry to tie in the rip-rap well above (upstream) of the area of the cul-de-sac for the same reasons that have resulted in the problems that you have experienced adjacent to your property. The Ministry anticipated the potential of the river to "back cut" in and around a rip rap installation and took the necessary steps to prevent that from happening by extending our work well upstream of our road Right-of-Way. It is not our responsibility to ensure that the work done for or by you meets your needs, that is clearly your responsibility. We have no doubt that a Hydrologist would say that the two rip-rap sections (The Ministries and yours) were not tied together properly. What we believe is meant though, is, the work on your section of the river bank does not properly tie into our section. We did however extend our rip-rap work to the property line between our road and your land. Ensuring that you are protected downstream of the property line is your responsibility.

In your letter you said that your rip-rap project was done under the "supervision" of Sheldon Romaine who is with the Federal Department of Fisheries and Oceans (DFO). While Mr. Romaine may have provided some advice on rip-rap work in general terms, Government does not usually "supervise" such work, particularly work of a private nature. DFO may have approved the installation of rip-rap at this location for you, but they would not likely have, supervised the work which would have included ensuring that a "well graded" blanket of rock was installed to prevent "back cutting" of the slope.

A photograph taken by the Ministry looking upstream along the bank of the river from just south of your property line shows that erosion existed on your side of the property line at the site of where our works meet your works before our work was started, and appears to be virtually unchanged from the time the

Ministry completed our river bank protection in 2007 until October 2014. That is not to say that more erosion has not occurred further downstream however, that again is your issue not one of the Ministry.

The Ministry has no infrastructure in this immediate area other than the cul-de-sac at the end of Glenarce Road adjacent to your property, and while we empathize with your situation, we can only take responsibility for Ministry interests, and again we took steps we felt were necessary to do that by extending our rip-rap section well above what we intended to protect. To date that work has proved successful for us.

The loss of river bank and resulting encroachment to your access, at least in the opinion of the Ministry, is the result of an inadequate rip-rap installation completed either by or for you, particularly in the area immediately south of your fence line at the south end of the Glenacre Road cul-de-sac.

The Ministry takes no responsibility for any of the erosion adjacent to your property.

Sincerely,

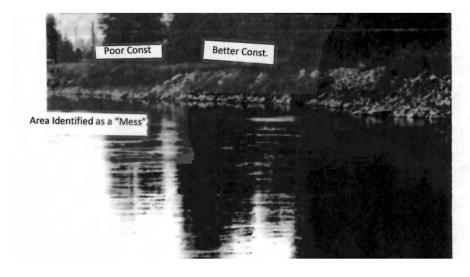
# Rip-Rap Damage do to improper link to existing Rip-Rap



At the fence line the Rip Rop was not tied to our Rip. Rap.

### Photo 1

**Note:** The difference in the size and shape of the rip-rap makes a significant difference in its performance as river bank protection.



And now, to the left, the mess we are left with. No access presently to our 5.22

Photo 2

**Note:** The area in this photo is situated entirely adjacent to the s.22 property. The area to the left has been constructed of poorly graded (mostly larger, rounded rock) which does not protect against powerful fast moving water. This area was constructed for/by s.22

By contrast the area to the right consists of smaller more angular rock in greater quantity.

This section of the rip rap is standing up well to the forces of the river, and was also constructed for/by \$.22



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Withheld pursuant to/removed as

Copyright





Jeff Saby - Area Manager Roads

Ministry of Transportation and Infrastructure

Thompson Nicola District

#### 2014-10-01

Jeff, I'm a little disappointed to be forced to contact you again regarding our rip-rap damage issue. You probably recall that this occurred after improper tie-in during the Ministry of Highways rip-rap project done by Argo a few years ago. You agreed to visit the site at the end of Glenacre Road, McLure, B.C.

My assumption is that the delay is the result of summer holidays or workload, and not, as others have suggested to me, that the Ministry plans to do nothing.

I bring this matter to your attention again, enclosing some history, photographs, and a possible solution.

The question of rip-rap at the end of Glenacre Road was discussed with Sherry Eland, Harvey Nelson and yourself. At the time the response was, "We can't do anything until it's a problem." I understood that. I know we are not the only ones in B.C. with a river bank issue.

But the problem did occur. The school bus came close to being unable to turn around. Thus, Argo Road Maintenance was employed to install rip-rap on government and private land, all costs to be borne by the Ministry of Transportation.

Unfortunately, the new turnaround rip-rap was not tied in to our existing rip-rap. Over the course of a few years the inevitable occurred. The water moved in behind our existing rip-rap and washed it out, leaving us with limited and dangerous access s.22 s.22

There is further history on this issue. We have \$.22

over the years, but this last fiasco was the final straw. In 1998, after the flood year, P.E.P. announced that property owners must take pro-active steps to safeguard their properties in order to be eligible for P.E.P. funding. We did exactly that. Under the supervision of Sheldon Romaine, Ministry of Fisheries and Oceans, we had a s.22 installation of protective rip-rap under two issued permits.

We have sought the advice of a hydrological engineer who supports our contention that the end of Glenacre Road was never tied in by fabric or rock structure suited to the situation.

The rip-rap for such remedial projects sits nearby at the McLure pit.

I trust that the enclosed photographs will help you with your investigation and decision-making.

Jeff, this is a serious dilemma for us. It affects our <sup>s.22</sup> and safety. Please contact me at your earliest opportunity.

Sincerely, s.22

Cc:

Paula Cousins, District Manager, Transportation

From: Saby, Jeff D TRAN:EX

Sent: Tuesday, October 7, 2014 4:27 PM

To: Folk, Trent TRAN:EX
Cc: Cousins, Paula TRAN:EX

**Subject:** Glenacre Road - s.22 Complaint **Attachments:** s.22 Letter October 1, 2014.pdf

Follow Up Flag: Follow up Flag Status: Flagged

Trent,

s.22 has contacted the Ministry again regarding what he says is damage to his property resulting from MoT works. I mentioned this to Shawn some time ago and he has background information on the sites. From my discussions with him, this is not our issue.

We should go over it again with Shawn to make sure our facts are right before we respond. Thanks

## Jeff Saby

Area Manager Roads, Kamloops East Thompson Nicola District, Ministry of Transportation, 127 - 447 Columbia Street, Kamloops B.C., Canada V2C 2T3 Ph (250) 371-3856 Fax (250) 371-3848 Cell (250) 371-7726

From: Saby, Jeff D TRAN:EX

Sent: Monday, October 27, 2014 2:52 PM

**To:** Cousins, Paula TRAN:EX

Cc: Folk, Trent TRAN:EX; Clough, Shawn R TRAN:EX

**Subject:** s.22 Response - McLure

Attachments: s.22 October 2014.docx

Attached is a draft letter to the Is.22 regarding their complaint about rip rap constructed by the Ministry on Glenacre Rd. s.13

**Thanks** 

### **Jeff Saby**

Area Manager Roads, Kamloops East Thompson Nicola District, Ministry of Transportation, 127 - 447 Columbia Street, Kamloops B.C., Canada V2C 2T3 Ph (250) 371-3856 Fax (250) 371-3848 Cell (250) 371-7726

From: Miller, Lisa Ann TRAN:EX

**Sent:** Thursday, June 25, 2015 6:57 AM

**To:** Saby, Jeff D TRAN:EX **Subject:** Re: MLA Lake Meeting

Thanks Jeff

Lisa Miller

Sent from my iPhone

On Jun 25, 2015, at 6:23 AM, Saby, Jeff D TRAN:EX < Jeff.Saby@gov.bc.ca > wrote:

#### Lisa

- slope stabilization at Fishtrap

Contract tender just closed. No

Word on successful yet. Mesh to be installed over recently scaled slopes using helicopter. Some significant delays to traffic can be expected.

- BADawson just starting work

On Paul Lake paving

- piles completed to reduce erosion at Paul/Pinantan intersection
- Shuswap paving
- Overlanders Bridge project and

all accommodations to signals

as well as median barriere install.

Traffic had calmed as people adjust to new patterns. Side road issues seem to be better with adjustments to STS improvements

- McLure Ferry Rd whistle cessation just finishing up on some

MoTI issues. Paint to be done prior

to fall. Need to mill some asphalt

from between tracks (need some \$\$ for that from you)

- Sun Rivers moving ahead with

improvement to onsite stormwater

management.

- we are seeing some interest in the need for a walking

path from Shuswap Rd to Kamloops New East from Sun Rivers residents.

- there could be some public push

to expand turn lane capacity

for both Yellowhead n/b at Mt Paul and at Halston with increased

residential on Westsyde and North Shore.

- TNRD moving along with facility at Squaam Bay. Install planned for

mid July. Tree needs trimming in advance of actual install. Ron Storie (TNRD) is working towards that.

Some minor delays to be expected while they do that work.

- -Agate Bay Rd. Shawn can speak to project to pave.
- some cracking in asphalt at Hwy 5 and Orchard Lake Rd could possibly be a slide. Geotech has

been engaged. Terry would like to

install monitoring equipment to

get an idea of what is happening.

Waiting for his email outlining his plans. Having Argo seal up cracks for now.

- crack seal Hwy 5 issues seem to be resolved.
- Winery signs in place
- s.22 issue seems to be quiet

at McLure.

- s.22 are ecstatic with improvements to Monte Creek-Pinantan Rd.
- McGilvary Crk Rd seems to be working fine. Easy spring helped

Jeff Saby

Area Manager Roads

Ministry of Trans and Infrastructure

Kamloops

Jeff.Saby@gov.bc.ca

Mobile 250-371-7726

Office 250-371-3856

Sent from my iPhone

On Jun 24, 2015, at 17:36, Miller, Lisa Ann TRAN:EX <<u>LisaAnn.Miller@gov.bc.ca</u>> wrote:

Hi Guys, can you please outline any issues/concerns/projects that should be of note by tomorrow please

Thank you

#### Lisa Miller, AScT

A/Operations Manager | Ministry of Transportation & Infrastructure- Southern Interior Region | Phone: 250. 371.3809 | Cell: 250.320.9809 | Fax:

250.828.4229 www.th.gov.bc.ca/cariboo connector/

From: Miller, Lisa Ann TRAN:EX

Sent: Thursday, June 18, 2015 1:56 PM

To: Barnett, Hilary TRAN:EX; Miller, Stewart TRAN:EX; Glen, William G TRAN:EX; Saby,

Jeff D TRAN:EX

Subject: FW: MLA Lake Meeting

Hi Team, Trent will be meeting with MLA Lake on the 29<sup>th</sup> and has asked for an updated on any news worthy info that we should be sharing with him at this time. Can you please review the bullets below and let me know if you have any pertinent information that we should be sharing at this time.

Thank you

#### Lisa Miller, AScT

A/Operations Manager | Ministry of Transportation & Infrastructure- Southern Interior Region | Phone: 250. 371.3809 | Cell: 250.320.9809 | Fax:

250.828.4229 www.th.gov.bc.ca/cariboo connector/

From: Folk, Trent TRAN:EX

Sent: Wednesday, June 17, 2015 8:56 AM

To: Clough, Shawn R TRAN:EX; Miller, Lisa Ann TRAN:EX

Subject: MLA Lake Meeting

I've spoken with both of you about this, and I'm hoping you could get me a bit of information so that I'm up to speed with projects and issues before heading in to meet with MLA Lake on the 29<sup>th</sup>:

- There are several projects that are ongoing, and/or planned that I'll need to speak to, so Shawn, can I ask you to gather a status summary of the ongoing and planned projects?
- Lisa, there are a few UBCM type issues in your area that will be important as well: Clearwater Valley Road, and the pedestrian islands.

- Our community volunteer project with the TNRD for the outhouses and boat launch at Squam Bay would be good to talk about as well.
- Any other noteworthy issues? The only one I can think of is perhaps the access to Agate Bay Pit.
- I am sending MLA Lake a Simpcw section 35 update in advance, but there may also be discussion around that.

Thanks for the help preparing; appreciate it. Trent Folk, P.Eng.

District Manager, Transportation
Thompson Nicola District
Ministry of Transportation and Infrastructure
Office: 250.371.3805 | Cell: 250.819.9044

From: Clough, Shawn R TRAN:EX

Sent: Monday, October 27, 2014 9:36 AM

**To:** Saby, Jeff D TRAN:EX

**Subject:** RE: Photos of Rip Rap at \$.22

Ok so I got his email wrong. He can be reached at 250-851-4880

From: Clough, Shawn R TRAN:EX

**Sent:** Monday, October 27, 2014 9:35 AM **To:** 'sheldon.romaine@dfo-mpo.gc.ca'

Cc: Saby, Jeff D TRAN:EX

Subject: Photos of Rip Rap at \$.22

Sheldon,

Thanks for the return phone call. We would like to send you some photos of the site and have a discussion with you. Are you comfortable communicating with our local area manager Jeff Saby directly? s.22 mid week. Please get back to Jeff. Thanks.

## Shawn Clough

Program Manager Thompson Nicola District 127-447 Columbia St.

Kamloops, BC V2C 2T3 Office: (250) 371-3817 Mobile: (250) 819-3410

From: Folk, Trent TRAN:EX

**Sent:** Wednesday, October 29, 2014 4:43 PM

**To:** s.22

Cc: Cousins, Paula TRAN:EX; Saby, Jeff D TRAN:EX; Clough, Shawn R TRAN:EX

**Subject:** Response: Erosion Concerns

### Good Afternoon s.22

Thank you for your letter dated October  $1^{st}$ , 2014, addressed to Jeff Saby. I apologize for the delay in a response, we have been reviewing your concerns, the file, and the history of the project we completed in 2007.

Though we certainly empathize with your situation, it is currently the Ministry's opinion that the erosion damage to the rip rap you placed, is not a result of the work we completed in 2007. From the information provided, and our review of the situation, we believe the damage you have referenced is due to a number of other factors associated with the construction of your rip-rap such as quality, position, size, gradation, and shape.

Having said that, we were hopeful that you and your hydrologist would be available to meet and discuss this further. We recognize the importance of this work to you and your these concerns; perhaps there is something that we are missing.

Please let me know if you are available to set up a meeting, and we'll coordinate something at your earliest convenience.

#### **Trent Folk**

District Operations Manager
Thompson Nicola District
Ministry of Transportation and Infrastructure
Office: 250.371.3809 | Cell: 250.819.9044

IDIR\JSABY

# RFI Highway Report Sorted by Highway Number

Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-00001E	Rte 1 EB - TransCanada	E	31.662	31.662	65.661	31.662	65.661
15-A-@-00001W	Rte 1 WB - TransCanada	W	31.376	31.376	62.752	31.376	62.752
15-A-@-00005A	Rte 5A NB - Princeton- Kamloops	N	29.963	29.963	63.242	29.963	63.242
15-A-@-00005K	Rte 5 SB - Yellowhead	S	25.074	25.074	52.744	25.074	52.744
15-A-@-00005Y	Rte 5 NB - Yellowhead	N	30.132	30.132	61.702	30.132	61.702
15-A-@-00368E	HWY #5A EB1E ON RAMP	N	0.390	0.390	0.000	0.390	0.000
15-A-@-00368N	HWY #5A WB1W OFF RMP	N	0.264	0.264	0.000	0.264	0.000
15-A-@-00369E	COLUMBA EB1E OFF RMP	N	0.713	0.713	0.000	0.713	0.000
15-A-@-00369W	COLUMBA WB1W ON RAMP	S	0.535	0.535	0.000	0.535	0.000
15-A-@-00370E	SUMIT DR EB1E ON RMP	E	0.500	0.500	0.000	0.500	0.000
15-A-@-00370W	SUMIT DR WB1W OFF RP	W	0.482	0.482	0.000	0.482	0.000
15-A-@-00372S	RUNAWAY LANE TCH #1E	E	0.180	0.180	0.000	0.180	0.000
15-A-@-00374N	YELOWHD WB1W OFF RMP	N	0.145	0.145	0.000	0.145	0.000
15-A-@-00375E	VLYVW DR EB1E ON RMP	N	0.332	0.332	0.000	0.332	0.000
15-A-@-00375K	VALLEYVIEW DRIVE WB	W	0.728	0.728	1.250	0.728	1.250
15-A-@-00375N	VLYVW DR WB1W OFF RP	S	0.425	0.425	0.000	0.425	0.000
15-A-@-00375V	VALLEYVIEW DRIVE EB	S	0.728	0.728	1.356	0.728	1.356
15-A-@-00375W	VLYVW DR WB1W ON RMP	S	0.137	0.137	0.000	0.137	0.000
15-A-@-00383N	KIPP RD WB1W OFF RMP	W	0.330	0.330	0.330	0.330	0.330
15-A-@-00383W	KIPP RD WB1W ON RAMP	W	0.290	0.290	0.000	0.290	0.000
15-A-@-00386E	On ramp from Kokanee Way to Rte 1 E/B	Е	0.839	0.839	0.839	0.839	0.839
15-A-@-00386S	Off Ramp from Rte 1E/B to Kokanee Way	Е	0.628	0.628	0.803	0.628	0.803
15-A-@-00388N	Kokanee Way IC - Rte 1 WB Off Ramp	W	0.662	0.662	0.662	0.662	0.662
15-A-@-00388W	Kokanee Way IC - Rte 1 WB On Ramp	W	0.834	0.834	1.071	0.834	1.071
15-A-@-00392E	LAFARGE EB1E ON RAMP	N	0.494	0.494	0.494	0.494	0.494
15-A-@-00392N	Dallas Drive IC - Rte 1	N	0.413	0.413	0.413	0.413	0.413

RFI Highway Report Sorted by Highway Number

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
	WB Off Ramp						
15-A-@-00392S	LAFARGE EB1E OFF RMP	S	0.458	0.458	0.458	0.458	0.458
15-A-@-00392W	Dallas Drive IC - Rte 1 WB On Ramp	W	0.483	0.483	0.483	0.483	0.483
15-A-@-00501E	VLYVW DR SB5K OFF RP	E	0.217	0.217	0.000	0.217	0.000
15-A-@-00501W	BATL ST WB501E OFFRP	W	0.100	0.100	0.000	0.100	0.000
15-A-@-00685	Barnhartvale Road	E	16.718	16.718	33.436	16.718	33.436
15-A-@-00739	BEAR ROAD	Z	0.019	0.019	0.000	0.000	0.000
15-A-@-00782	BERESFORD ROAD	E	3.709	3.709	3.959	0.250	0.500
15-A-@-00823	BIRD LANE	Z	0.059	0.059	0.000	0.000	0.000
15-A-@-00867	BLUE JAY LANE	Z	0.063	0.063	0.000	0.000	0.000
15-A-@-00918	BOSTOCK ROAD	N	0.180	0.180	0.360	0.180	0.360
15-A-@-00927	Botta Road	N	2.448	2.448	2.849	0.401	0.802
15-A-@-01030	Cahilty Crescent	N	0.737	0.737	1.474	0.737	1.474
15-A-@-01032	Cahilty Place	E	0.161	0.161	0.322	0.161	0.322
15-A-@-01033	Cahilty Road	N	0.712	0.712	1.324	0.612	1.224
15-A-@-01069	CAMPBELL CREEK ROAD	S	15.465	15.465	30.930	15.465	30.930
15-A-@-01073	Campbell Meadows Road	S	1.953	1.953	3.056	1.103	2.206
15-A-@-01075	CAMPBELL RANGE ROAD	S	14.120	14.120	28.240	14.120	28.240
15-A-@-01150	CHIEF LOUIS WAY	N	2.831	2.831	5.701	2.831	5.701
15-A-@-01244	Cold Creek Road	N	18.330	18.330	27.485	9.155	18.310
15-A-@-01297	COSTER ADAMS ROAD	E	6.412	6.412	12.824	0.144	0.288
15-A-@-01342	CRIDGE ROAD	S	0.102	0.102	0.204	0.102	0.204
15-A-@-01386	Dallas Drive	E	8.484	8.477	16.918	8.477	16.918
15-A-@-01405	DAVIDSON ROAD	S	0.900	0.900	1.800	0.900	1.800
15-A-@-01463	DELEEUW ROAD	N	5.650	5.650	11.300	5.650	11.300
15-A-@-01472	Demarni Road	N	1.700	1.700	2.165	0.420	0.840
15-A-@-01481	DEMERS ROAD	N	0.250	0.250	0.500	0.250	0.500
15-A-@-01595	DOYLE DRIVE	N	0.101	0.101	0.202	0.101	0.202

### Page 3 of 24 2015-09-17 01:02 PM IDIR\JSABY

RFI Highway Report Sorted by Highway Number

Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summe	er Maintenance	Class Lengtl	n
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-01596	DOYLE	N	0.507	0.507	1.014	0.507	1.014
15-A-@-01633	DUNCAN ROAD	S	0.394	0.394	0.788	0.394	0.788
15-A-@-01660	DURANGO DRIVE	E	1.293	1.293	2.586	1.293	2.586
15-A-@-01779	Fawnhill Road	N	0.431	0.000	0.000	0.000	0.000
15-A-@-01791	FINLAY DRIVE	N	0.107	0.107	0.214	0.107	0.214
15-A-@-01792	FINLAY PLACE	S	0.065	0.065	0.130	0.065	0.130
15-A-@-01793	FINLAY ROAD	N	6.131	6.131	12.262	6.131	12.262
15-A-@-01799	FISHER	S	0.313	0.313	0.446	0.133	0.266
15-A-@-01805	FLEET	N	0.111	0.111	0.222	0.111	0.222
15-A-@-01970	GEORGIA ROAD	N	0.100	0.100	0.200	0.100	0.200
15-A-@-02015	GOLDEN HORN	N	1.124	1.124	2.248	1.124	2.248
15-A-@-02051	GOSSET ROAD	S	0.080	0.080	0.160	0.080	0.160
15-A-@-02057	GOULD ROAD	S	0.040	0.040	0.080	0.040	0.080
15-A-@-02060	GOWAN ROAD	N	2.100	2.100	3.301	1.201	2.402
15-A-@-02121	GULL	Z	0.200	0.200	0.000	0.000	0.000
15-A-@-02153	HALE-VINNIE ROAD	S	3.402	3.402	6.804	3.402	6.804
15-A-@-02236	HARPER RANCH ROAD	N	2.067	2.067	4.134	2.067	4.134
15-A-@-02238	HARPER MOUNTAIN ROAD	N	5.477	5.477	10.954	5.477	10.954
15-A-@-02240	HARPER RN-PN ROAD	S	15.741	15.741	19.166	4.558	7.983
15-A-@-02293	HEFFLEY LAKE	W	1.266	1.266	2.532	1.266	2.532
15-A-@-02296	HEFFLEY-LOUIS CREEK	N	23.054	23.054	46.108	23.054	46.108
15-A-@-02321	Henderson Road	E	0.710	0.710	1.420	0.493	0.986
15-A-@-02330	HIDDEN VALE RANCH RD	S	1.003	1.003	2.006	1.003	2.006
15-A-@-02376	HILLTOP	Z	0.250	0.250	0.250	0.000	0.000
15-A-@-02387	HINES ROAD	S	0.381	0.381	0.702	0.381	0.702
15-A-@-02404	HOLBROOK PLACE	N	0.100	0.100	0.200	0.100	0.200
15-A-@-02405	HOLBROOK RD	E	1.282	1.282	2.512	1.256	2.512
15-A-@-02423	HOLMWOOD-ROBBINS RNG	Z	8.000	8.000	8.000	0.000	0.000

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				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-02439	HOOK ROAD	S	0.846	0.846	1.692	0.846	1.692
15-A-@-02439G	Hook Road EB Off Ramp	E	0.404	0.404	0.428	0.404	0.428
15-A-@-02439H	Hook Road EB On Ramp	E	0.475	0.475	0.475	0.475	0.475
15-A-@-02439I	Hook Road WB Off Ramp	W	0.419	0.419	0.419	0.419	0.419
15-A-@-02439J	Hook Road WB On Ramp	W	0.538	0.538	0.538	0.538	0.538
15-A-@-02450	HORNE ROAD	Z	2.410	2.410	2.410	0.000	0.000
15-A-@-02486	HYAS LAKE ROAD	N	3.677	3.528	7.056	3.528	7.056
15-A-@-02547	JARDINE ROAD	S	0.403	0.403	0.806	0.403	0.806
15-A-@-02549	JARVIS BLAIR ROAD	Z	2.400	2.400	2.400	0.000	0.000
15-A-@-02600	JUNCTION ROAD	W	0.723	0.723	1.491	0.723	1.491
15-A-@-02647	KEEL PLACE	S	0.132	0.132	0.264	0.132	0.264
15-A-@-02658	KELSEY ROAD	Z	1.600	1.600	0.000	0.000	0.000
15-A-@-02705	KINNEAR ROAD	Z	3.200	3.200	3.200	0.000	0.000
15-A-@-02739	KNOUFF LAKE	N	21.334	21.334	42.668	21.334	42.668
15-A-@-02742	Kokanee Way	N	0.171	0.171	0.513	0.171	0.513
15-A-@-02803	LAKE BAY	S	2.132	2.132	4.264	2.132	4.264
15-A-@-02809	LAKESHORE	S	1.157	1.157	2.314	1.157	2.314
15-A-@-02817	LAKEVIEW DRIVE	S	0.665	0.665	1.330	0.665	1.330
15-A-@-02872	LEESON-BLEEKER ROAD	S	4.800	4.800	9.600	4.800	9.600
15-A-@-02969	LOMA ROAD	S	0.186	0.186	0.372	0.186	0.372
15-A-@-03009	LOWER HEFFLEY LAKE	S	0.730	0.730	1.460	0.730	1.460
15-A-@-03010	LUTE ROAD	N	0.321	0.321	0.642	0.321	0.642
15-A-@-03063	McCREIGHT LANE	Z	0.067	0.067	0.000	0.000	0.000
15-A-@-03065	MCCREIGHT RD	N	0.873	0.873	1.746	0.873	1.746
15-A-@-03074	MCCULLY ROAD	W	0.128	0.128	0.256	0.128	0.256
15-A-@-03101	McGILLIVRAY CREEK	E	1.022	1.022	2.044	1.022	2.044
15-A-@-03119	MCGREGOR RD	S	0.609	0.609	1.218	0.609	1.218
15-A-@-03191	MCTAVISH RD	N	0.485	0.485	0.970	0.485	0.970

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				Summ	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-03209	MALLARD ROAD	S	0.305	0.305	0.610	0.282	0.564
15-A-@-03231	Maquinna Road	E	0.201	0.201	0.362	0.181	0.362
15-A-@-03259	MARTINSON ROAD	Z	4.800	4.800	4.800	0.000	0.000
15-A-@-03297	MEADOW LARK ROAD	N	0.244	0.244	0.488	0.244	0.488
15-A-@-03318	MINER ROAD	Z	0.400	0.400	0.000	0.000	0.000
15-A-@-03347	Monte Creek Road	S	0.941	0.941	1.882	0.941	1.882
15-A-@-03349	Monte Creek-Pinantan Road	S	4.048	4.048	6.750	2.702	5.404
15-A-@-03358	MOORE-RICHARDSON RD	S	4.200	4.200	7.343	1.883	3.766
15-A-@-03389	MOUNT LOLO ROAD	N	5.786	5.786	11.572	5.786	11.572
15-A-@-03393	MOUNT PAUL WAY	S	1.723	1.723	3.519	1.723	3.519
15-A-@-03530E	N. THOMPSON RV.EAST	E	2.157	2.157	5.995	2.157	5.995
15-A-@-03530W	N.THOMPSON RIV CON W	W	2.157	2.157	4.314	2.157	4.314
15-A-@-03535	OAR ROAD	Z	0.100	0.100	0.100	0.000	0.000
15-A-@-03552	OLD FERRY ROAD	E	0.736	0.736	1.472	0.736	1.472
15-A-@-03599	ORTON ROAD	N	0.610	0.610	1.220	0.610	1.220
15-A-@-03622	PALMER FORSYTH	N	6.420	6.420	12.840	6.420	12.840
15-A-@-03631	PARADISE RD	N	1.158	1.158	2.316	1.158	2.316
15-A-@-03635	PARADISE LANE	N	0.034	0.034	0.000	0.000	0.000
15-A-@-03688	Paul Lake Road	N	17.053	17.053	34.508	17.053	34.508
15-A-@-03689	PAUL LAKE DUMP ROAD	E	2.148	2.148	4.296	2.148	4.296
15-A-@-03713	PERCH	Z	0.120	0.120	0.000	0.000	0.000
15-A-@-03748	PINANTAN-PRITCHARD	S	23.767	23.767	47.534	23.767	47.534
15-A-@-03753	PINE LANE	Z	0.074	0.074	0.000	0.000	0.000
15-A-@-03778	PINTAIL ROAD	s	0.220	0.220	0.440	0.213	0.426
15-A-@-03780	PIVA ROAD	S	1.202	1.195	2.390	1.195	2.390
15-A-@-03814	POWELL ROAD	s	1.791	1.791	3.582	1.791	3.582
15-A-@-03981	RICHIE LAKE	Z	0.150	0.150	0.000	0.000	0.000
15-A-@-04022	RIVER HEIGHTS DRIVE	S	1.041	1.041	2.082	1.041	2.082

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				Summe	er Maintenance	Class Lengtl	n
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-04057	RIVER VISTA DRIVE	E	0.628	0.628	1.256	0.628	1.256
15-A-@-04066	ROBBINS CREEK ROAD	N	4.018	4.018	8.036	4.018	8.036
15-A-@-04070	ROBBINS RANGE ROAD	E	18.338	18.338	36.676	18.338	36.676
15-A-@-04088	ROCHE LAKE ROAD	S	11.388	11.388	22.776	11.388	22.776
15-A-@-04097	ROCKFACE ROAD	S	0.210	0.210	0.420	0.210	0.420
15-A-@-04100	RONLYN COURT	N	0.413	0.413	0.826	0.413	0.826
15-A-@-04124	ROSE HILL ROAD	N	5.921	5.921	11.842	5.921	11.842
15-A-@-04303	SALISH ROAD	N	0.366	0.366	0.826	0.365	0.824
15-A-@-04310	SCOTT ROAD	N	4.830	4.830	4.830	4.830	4.830
15-A-@-04337	SEPARATION ROAD	E	8.100	8.100	9.542	5.119	9.542
15-A-@-04387	SHAW	S	1.733	1.733	3.466	1.133	2.266
15-A-@-04395	SHEER ROAD	Z	0.080	0.080	0.000	0.000	0.000
15-A-@-04404	SHORE	Z	0.100	0.100	0.000	0.000	0.000
15-A-@-04412	Shuswap Road	E	26.584	26.584	53.274	26.584	53.274
15-A-@-04430	SINCLAIR ROAD	Z	3.200	3.200	3.200	0.000	0.000
15-A-@-04475	SONORA ROAD	s	0.195	0.195	0.390	0.195	0.390
15-A-@-04502	STAINES ROAD	S	0.300	0.300	0.520	0.220	0.440
15-A-@-04580	STRACHAN	N	0.857	0.857	1.714	0.857	1.714
15-A-@-04582	STRATE ROAD	Z	0.270	0.270	0.270	0.000	0.000
15-A-@-04584	STRAWBERRY HEIGHTS	N	10.782	10.782	21.564	0.982	1.964
15-A-@-04593	SULLIVAN VALLEY	N	6.100	6.100	6.100	0.000	0.000
15-A-@-04612	Sun Peaks Road	E	6.174	6.174	12.348	6.174	12.348
15-A-@-04677	TEAL ROAD	S	0.380	0.380	0.760	0.380	0.760
15-A-@-04710	TOLKO ROAD	s	0.467	0.467	0.934	0.467	0.934
15-A-@-04764	TRAPP LAKE ROAD	S	12.500	12.500	25.000	11.100	22.200
15-A-@-04810	Upper Louis Creek Road	S	4.155	4.155	8.310	4.155	8.310
15-A-@-04909	WADDINGTON ROAD	W	0.060	0.060	0.120	0.060	0.120
15-A-@-04973	WATSON LARSON ROAD	E	2.423	2.423	4.846	1.900	3.800

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				Summ	ner Maintenance	e Class Leng	th
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-A-@-05082	WITTNER ROAD	N	2.239	2.239	4.478	2.239	4.478
15-A-@-05095	WOODLAND ROAD	Z	0.790	0.790	0.000	0.000	0.000
15-A-@-N0001	Station Road (Kamloops Municipality)	Е	0.481	0.000	0.000	0.000	0.000
15-A-@-N0004	Summit Drive NB (Kamloops Municipality)	N	0.209	0.000	0.000	0.000	0.000
15-A-@-N0005	Summit Drive SB (Kamloops Municipality)	S	0.201	0.000	0.000	0.000	0.000
15-A-@-N0006	Nina Place (Kamloops Municipality)	N	0.248	0.000	0.000	0.000	0.000
15-A-@-N0007	LaFarge Road (Kamloops Municipality)	N	0.700	0.000	0.000	0.000	0.000
15-A-@-P0008	Kipp Road-Pedestrian OP (Kamloops Municipality)	N	0.139	0.000	0.000	0.000	0.000
15-A-@-P0009	Pat Road-Pedestrian OP (Kamloops Municipality)	N	0.191	0.000	0.000	0.000	0.000
15-A-@ Tota:	1:			604.847	1123.063	515.579	1020.434
15-A - Kamlo	oops East Total:			604.847	1123.063	515.579	1020.434

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				Summ	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-00001	Rte 1 EB - TransCanada	E	62.751	62.751	161.387	62.751	161.387
15-B-@-00001E	Rte 1 EB - TransCanada	E	5.638	5.638	16.914	5.638	16.914
15-B-@-00001W	Rte 1 WB - TransCanada	W	9.554	7.186	19.022	7.186	19.022
15-B-@-00005N	Rte 5 NB - Coquihalla	N	26.042	26.042	53.226	26.042	53.226
15-B-@-00005S	Rte 5 SB - Coquihalla	S	25.660	25.660	70.675	25.660	70.675
15-B-@-00099	KAM LAKE REST AREA	S	0.217	0.217	0.782	0.217	0.782
15-B-@-00336N	WALLOPER N/B ON RAMP	N	0.539	0.539	0.563	0.539	0.563
15-B-@-00336S	WALLOPER S/B EXIT336	S	0.529	0.529	0.546	0.529	0.546
15-B-@-00345B	COQ. BRAKE CHECK	N	0.648	0.648	0.788	0.648	0.788
15-B-@-00355	INKS LAKE	E	0.465	0.465	0.930	0.465	0.930
15-B-@-00355E	INKS LK. N/B EXIT355	E	0.937	0.937	0.937	0.937	0.937
15-B-@-00355N	INKS LK. N/B ON RAMP	N	0.952	0.952	0.952	0.952	0.952
15-B-@-00355S	INKS LK. S/B ON RAMP	S	0.906	0.906	0.906	0.906	0.906
15-B-@-00355W	INKS LK. S/B EXIT355	S	0.872	0.872	0.872	0.872	0.872
15-B-@-00358E	SUGARLOAF N/B OFF RP	E	0.695	0.695	0.759	0.695	0.759
15-B-@-00358N	SUGARLOAF N/B ON RMP	N	0.335	0.335	0.335	0.335	0.335
15-B-@-00362S	#1E EXIT 362 COQ	S	0.856	0.856	0.856	0.856	0.856
15-B-@-00362W	COQ.N/B EXIT 362 #1W	W	1.544	1.544	1.544	1.544	1.544
15-B-@-00363B	AFTON BICYCLE PATH	E	0.268	0.268	0.268	0.268	0.268
15-B-@-00364	WEIGH SCALE #1 EAST	E	1.167	1.167	1.535	1.167	1.535
15-B-@-00364B	AFTON BRAKE CHECK	E	0.223	0.223	0.000	0.223	0.000
15-B-@-00364E	WEIGH SCAL.#1E PK LT	E	0.323	0.323	1.243	0.323	1.243
15-B-@-00365	WEIGH SCALE #1 WEST	W	1.315	1.315	1.864	1.315	1.864
15-B-@-00365W	WEIGH SCAL.#1W PK LT	W	0.319	0.319	1.551	0.319	1.551
15-B-@-00366	COPPERHEAD DRIVE	N	0.289	0.289	1.090	0.289	1.090
15-B-@-00366E	COPPERHD #1E ON RAMP	N	0.514	0.514	0.537	0.514	0.537
15-B-@-00366N	#1W EXIT 366 COPPERH	N	0.450	0.450	0.480	0.450	0.480
15-B-@-00366S	#1E EXIT 366 COPPERH	E	0.382	0.382	0.424	0.382	0.424

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				Summe	er Maintenance	Class Length	1
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-00366W	COPPERHD #1W ON RAMP	W	0.500	0.500	0.522	0.500	0.522
15-B-@-00367	PACIFIC WAY	N	0.370	0.370	1.538	0.370	1.538
15-B-@-00367C	HUGH ALLAN DRIVE	E	0.167	0.167	0.167	0.167	0.167
15-B-@-00367E	PACIFIC #1E ON RAMP	E	0.397	0.397	0.397	0.397	0.397
15-B-@-00367N	#1W EXIT 367 PACIFIC	N	0.591	0.591	0.670	0.591	0.670
15-B-@-00367S	#1E EXIT 367 PACIFIC	E	0.548	0.548	0.573	0.548	0.573
15-B-@-00367W	PACIFIC #1W ON RAMP	N	0.582	0.582	0.625	0.582	0.625
15-B-@-00368S	#1E EXIT 368 HWY 5A	N	0.365	0.365	0.385	0.365	0.385
15-B-@-00368W	HWY #5A #1W ON RAMP	S	0.983	0.983	0.983	0.983	0.983
15-B-@-00505	ABBEY	N	1.073	1.073	2.047	0.974	1.948
15-B-@-00510	ADA STREET	Z	0.110	0.110	0.000	0.000	0.000
15-B-@-00530	AINSWORTH LANE	Z	0.094	0.094	0.094	0.000	0.000
15-B-@-00588	ANGLESEY RANCH	W	0.583	0.583	1.166	0.583	1.166
15-B-@-00599	ARCHER	Z	0.300	0.300	0.000	0.000	0.000
15-B-@-00607	Ashcroft Road	E	7.000	7.000	2.092	0.719	1.438
15-B-@-00644	Bale Road	S	0.263	0.263	0.000	0.000	0.000
15-B-@-00650	BALLOU	S	0.422	0.422	0.844	0.222	0.444
15-B-@-00660	BANKS STREET	Z	0.200	0.200	0.000	0.000	0.000
15-B-@-00666	BARCLAY STREET	S	0.140	0.140	0.223	0.140	0.223
15-B-@-00681	BARNES LAKE	S	16.100	16.100	16.100	3.248	3.248
15-B-@-00719	BASS STREET	E	0.166	0.166	0.332	0.166	0.332
15-B-@-00727	BEACH LANE	Z	0.290	0.290	0.290	0.000	0.000
15-B-@-00742	BEATON	W	4.797	4.797	9.594	4.797	9.594
15-B-@-00766	BEDFORD STREET	Z	0.350	0.350	0.000	0.000	0.000
15-B-@-00780	BENCH	Z	0.200	0.200	0.000	0.000	0.000
15-B-@-00784	BERKELEY STREET	Z	1.520	1.520	0.000	0.000	0.000
15-B-@-00900	BONAPARTE	Z	8.000	8.000	0.000	0.000	0.000
15-B-@-01005	BUCKHORN	S	4.282	4.282	8.564	4.282	8.564

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				Summ	er Maintenance	Class Lengt	.h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-01009	BUIE STREET	W	0.350	0.350	0.700	0.350	0.700
15-B-@-01018	BURROWS	S	0.105	0.105	0.105	0.105	0.105
15-B-@-01025	CACTUS	N	0.502	0.502	1.004	0.502	1.004
15-B-@-01093	CANNELL	Z	6.300	6.300	12.600	0.000	0.000
15-B-@-01112	CAREY	S	0.270	0.270	0.270	0.270	0.270
15-B-@-01133	Cavesson Way	S	0.320	0.000	0.000	0.000	0.000
15-B-@-01136	CENTRAL AVENUE	E	0.258	0.258	0.516	0.258	0.516
15-B-@-01140	CHERRY CREEK	s	0.711	0.711	1.422	0.711	1.422
15-B-@-01141	CHERRY	W	0.324	0.324	0.648	0.324	0.648
15-B-@-01143	CHERRY CREEK STATION	N	0.820	0.820	1.640	0.235	0.470
15-B-@-01189	CHUWHELS MOUNTAIN	S	3.699	3.699	7.398	3.699	7.398
15-B-@-01192	CLARKE	Z	1.000	1.000	2.000	0.810	1.620
15-B-@-01248	COLLINS STREET	S	0.075	0.075	0.150	0.075	0.150
15-B-@-01280	COPPER CREEK	N	17.055	17.055	34.110	17.055	34.110
15-B-@-01385	DALE	S	0.244	0.244	0.488	0.244	0.488
15-B-@-01411	DAVIS	Z	0.787	0.787	0.787	0.000	0.000
15-B-@-01420	DEADMAN-CACHE CREEK	W	20.067	20.067	40.134	20.067	40.134
15-B-@-01427	DEADMAN VIDETTE	N	64.757	64.757	129.514	64.757	129.514
15-B-@-01440	DEER DRIVE	S	2.631	2.631	5.262	2.631	5.262
15-B-@-01568	DOE	N	0.131	0.131	0.262	0.131	0.262
15-B-@-01570	DOGWOOD	Z	0.250	0.250	0.000	0.000	0.000
15-B-@-01585	DOUGLAS	Z	0.030	0.030	0.000	0.000	0.000
15-B-@-01610	DRURY LANE	Z	0.143	0.143	0.143	0.000	0.000
15-B-@-01624	DUFFY	S	0.282	0.282	0.564	0.282	0.564
15-B-@-01656	WATSON DR. W.	W	0.524	0.524	1.048	0.524	1.048
15-B-@-01678	EDITH LAKE	S	13.200	13.200	21.304	8.104	16.208
15-B-@-01747	ERNEST	W	0.221	0.221	0.442	0.221	0.442
15-B-@-01752	EVANS	N	0.258	0.258	0.516	0.258	0.516

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-01820	FOLEY	E	0.337	0.337	0.674	0.000	0.000
15-B-@-01891	FREDERICK LANE	Z	0.888	0.888	0.888	0.000	0.000
15-B-@-01892	FREDERICK	S	9.186	9.186	18.372	9.186	18.372
15-B-@-01946	GARDI	E	2.042	2.042	4.084	2.042	4.084
15-B-@-02024	GOOSE LAKE	W	12.901	12.901	25.802	12.901	25.802
15-B-@-02067	GRAHAM STREET	Z	0.080	0.080	0.000	0.000	0.000
15-B-@-02079	GRASSLAND	Z	0.700	0.700	0.700	0.000	0.000
15-B-@-02094	GREENSTONE	N	21.724	21.724	43.448	21.724	43.448
15-B-@-02172	HAMILTON STREET	Z	0.520	0.520	0.000	0.000	0.000
15-B-@-02198	HARBRIDGE DRIVE	W	0.409	0.409	0.818	0.409	0.818
15-B-@-02218	HARDY	Z	0.100	0.100	0.200	0.000	0.000
15-B-@-02222	HARE	N	0.192	0.192	0.192	0.192	0.192
15-B-@-02276	HAWK	Z	1.600	1.600	0.000	0.000	0.000
15-B-@-02279	HAYWOOD FARMER	W	8.030	8.030	16.060	8.030	16.060
15-B-@-02369	HILLCREST DRIVE	E	0.223	0.223	0.446	0.223	0.446
15-B-@-02454	HOTEL LANE	Z	0.260	0.260	0.260	0.000	0.000
15-B-@-02504	INSKIP	N	0.887	0.887	1.774	0.887	1.774
15-B-@-02522	JACKSON	E	8.947	8.947	10.310	8.947	10.310
15-B-@-02575	JOHNSON	Z	6.400	6.400	0.000	0.000	0.000
15-B-@-02582	JONES	W	0.387	0.387	0.387	0.387	0.387
15-B-@-02625	KAMLOOPS LAKE DRIVE	E	0.653	0.653	1.306	0.653	1.306
15-B-@-02766	LAC DU BOIS	N	14.671	14.671	29.342	14.671	29.342
15-B-@-02775	LAC LE JEUNE	S	16.204	16.204	32.408	16.204	32.408
15-B-@-02855	LAWRENCE STREET	Z	2.000	2.000	0.000	0.000	0.000
15-B-@-02856	LAZY ACRES	S	0.107	0.107	0.107	0.107	0.107
15-B-@-02865	LEBLOND	S	3.100	3.100	1.562	0.781	1.562
15-B-@-02868	LEE	Z	0.900	0.900	0.900	0.000	0.000
15-B-@-02976	LONDON STREET	Z	0.060	0.060	0.000	0.000	0.000

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-02978	LONG LAKE	E	32.724	32.724	36.326	18.163	36.326
15-B-@-03025	MCBRIDE	W	0.374	0.374	0.748	0.144	0.288
15-B-@-03146	MCLEOD	N	0.800	0.800	1.600	0.800	1.600
15-B-@-03182	McQUEEN CREEK	Z	12.901	12.901	25.802	0.000	0.000
15-B-@-03205	MAGNER	S	0.070	0.070	0.140	0.070	0.140
15-B-@-03222	MANNINGS	S	1.665	1.665	3.330	1.665	3.330
15-B-@-03294	MEADOW	S	1.599	1.599	3.198	1.599	3.198
15-B-@-03400	MOWICH	N	0.112	0.112	0.224	0.112	0.224
15-B-@-03418	MURDOCK	Z	0.600	0.600	0.000	0.000	0.000
15-B-@-03451	NEWBOLD	E	0.091	0.091	0.091	0.091	0.091
15-B-@-03646	PARK LANE	Z	0.260	0.260	0.260	0.000	0.000
15-B-@-03715	PERCY STREET	N	0.158	0.158	0.316	0.158	0.316
15-B-@-03755	PINECREST DRIVE	W	2.021	2.021	4.042	2.021	4.042
15-B-@-03756	Pinecrest Place	S	0.410	0.410	0.284	0.142	0.284
15-B-@-03781	PIVOT	Z	0.240	0.240	0.000	0.000	0.000
15-B-@-03930	RAILROAD AVENUE	E	0.294	0.294	0.294	0.294	0.294
15-B-@-03948	RANCH	Z	0.330	0.330	0.000	0.000	0.000
15-B-@-03950	RED LAKE ACCESS	Z	0.090	0.090	0.000	0.000	0.000
15-B-@-03951	RED LAKE DRIVE	N	0.928	0.928	1.856	0.928	1.856
15-B-@-04018	RIVER GLEN	Z	0.160	0.160	0.160	0.000	0.000
15-B-@-04098	Rodeo Drive	W	3.793	3.793	7.586	3.385	6.770
15-B-@-04178	SABISTON CREEK	N	23.847	23.847	47.694	23.847	47.694
15-B-@-04184	SADDLE	Z	0.130	0.130	0.000	0.000	0.000
15-B-@-04195	SAGE	Z	1.100	1.100	0.000	0.000	0.000
15-B-@-04227	SANDY LANE	Z	0.600	0.600	0.000	0.000	0.000
15-B-@-04262	SAVONA ACCESS	E	4.490	4.490	9.087	4.490	9.087
15-B-@-04264	SAVONA CEMETERY	N	0.788	0.788	1.576	0.788	1.576
15-B-@-04265	SAVONA DUMP	W	0.241	0.241	0.482	0.241	0.482

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

				Summer Maintenance Class Length			
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-04266	SAVONA STATION	E	0.664	0.664	1.328	0.664	1.328
15-B-@-04270	SAVONA STREET	N	0.187	0.187	0.374	0.187	0.374
15-B-@-04273	SAVONAS	E	0.145	0.145	0.145	0.145	0.145
15-B-@-04319	SELBY	Z	2.400	2.400	0.000	0.000	0.000
15-B-@-04376	SEVEN LAKES	W	15.692	15.692	31.384	4.792	9.584
15-B-@-04439	SIX MILE HILL	E	15.000	15.000	30.000	2.715	5.430
15-B-@-04492	Spur Road	W	0.170	0.170	0.170	0.170	0.170
15-B-@-04535	STEELE	Z	1.400	1.400	0.000	0.000	0.000
15-B-@-04536	STEELHEAD	N	0.382	0.382	0.764	0.382	0.764
15-B-@-04590	STROM PLACE	N	0.103	0.103	0.206	0.103	0.206
15-B-@-04592	SUGARLOAF	N	4.876	4.876	9.752	4.876	9.752
15-B-@-04613	SUNDOWN	Z	1.700	1.700	0.000	0.000	0.000
15-B-@-04615	SUNNYMEDE SQUARE	S	0.191	0.191	0.130	0.065	0.130
15-B-@-04679	THOMPSON COURT	S	0.179	0.179	0.358	0.079	0.158
15-B-@-04680	THOMPSON CRESCENT	S	0.190	0.190	0.380	0.190	0.380
15-B-@-04682	Thompson River Drive	S	3.759	3.759	7.518	3.559	7.118
15-B-@-04684	Thompson River Drive West	W	1.902	1.902	2.594	0.622	1.244
15-B-@-04695	TINGLEY STREET	W	0.413	0.413	0.826	0.413	0.826
15-B-@-04733	TRAIL	Z	0.160	0.160	0.160	0.000	0.000
15-B-@-04738	TRANQUILLE-CRISS CK	N	59.793	59.793	119.586	59.793	119.586
15-B-@-04791	Tunkwa Lake Road	N	24.641	24.641	49.282	24.641	49.282
15-B-@-04825	VALLEY	E	0.707	0.707	1.414	0.707	1.414
15-B-@-04848	VAVASOUR	N	0.171	0.171	0.171	0.171	0.171
15-B-@-04888	VICTORIA STREET	Z	0.440	0.440	0.000	0.000	0.000
15-B-@-04903	VISTA DRIVE	E	0.286	0.286	0.572	0.286	0.572
15-B-@-04927	WALHACHIN	E	7.573	7.573	12.505	5.976	11.063
15-B-@-04930	WALHACHIN STATION	N	0.869	0.869	1.738	0.869	1.738
15-B-@-04946	WALLACE STREET	W	0.030	0.030	0.000	0.000	0.000

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

Service Area: 15 - Thompson

**AMA:** 15-B-Kamloops West **Sub Area:** 15-B-@

				Summ	er Maintenance	Class Leng	th
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-B-@-04967	WATSON COURT	S	0.058	0.058	0.116	0.058	0.116
15-B-@-04970	WATSON DR. EAST	E	0.825	0.825	1.650	0.825	1.650
15-B-@-05009	WEIR	S	5.800	5.800	10.833	5.033	10.066
15-B-@-05018	WESTSYDE	N	20.817	20.817	41.634	20.817	41.634
15-B-@-05060	WILKINSON STREET	E	0.168	0.168	0.336	0.168	0.336
15-B-@-05061	WILLOW LANE	Z	0.300	0.300	0.000	0.000	0.000
15-B-@-05062	WILLOW	Z	1.000	1.000	0.000	0.000	0.000
15-B-@-05108	YALE	Z	0.280	0.280	0.000	0.000	0.000
15-B-@-05120	YARROW	E	0.109	0.109	0.218	0.109	0.218
15-B-@-09997	AFTON MINE ACCESS	S	0.102	0.102	0.204	0.102	0.204
15-B-@-N0002	Sugarloaf Road	E	0.703	0.000	0.000	0.000	0.000
15-B-@-N0003	Afton Mine Access Road	S	1.205	0.000	0.000	0.000	0.000
15-B-@ Total	L:			705.215	1312.703	578.068	1196.329
15-B - Kamlo	oops West Total:			705.215	1312.703	578.068	1196.329

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-C-@-00005Y	Rte 5 NB - Yellowhead	N	63.448	63.448	130.701	63.448	130.701
15-C-@-00525	Agate Bay Road	E	32.780	32.780	65.560	32.780	65.560
15-C-@-00526	Agate Bay Access Road	S	0.045	0.045	0.090	0.045	0.090
15-C-@-00555	ALLEN-MEEKER	N	0.521	0.521	1.042	0.521	1.042
15-C-@-00635	BADGER CREEK	Z	6.400	6.400	12.800	0.000	0.000
15-C-@-00697	Barriere Lakes Road	E	20.858	20.858	41.390	20.532	41.064
15-C-@-00700	BARRIERE NORTH	N	10.422	10.422	20.844	10.422	20.844
15-C-@-00705	Barriere South Road	E	2.424	2.424	4.848	2.424	4.848
15-C-@-00800	BINGO RANCH	W	0.678	0.678	1.356	0.678	1.356
15-C-@-00827	Bison Ranch Road	N	0.535	0.535	1.070	0.535	1.070
15-C-@-00830	BLACK	S	1.062	1.062	2.124	1.062	2.124
15-C-@-00841	Blackwell Road	N	0.501	0.000	0.000	0.000	0.000
15-C-@-00902	BONAPARTE LAKE	S	0.950	0.950	1.900	0.950	1.900
15-C-@-00936	BOULDER MOUNTAIN	E	13.513	13.513	27.026	13.513	27.026
15-C-@-00944	Bowden Road	N	2.236	2.236	4.472	0.436	0.872
15-C-@-01007	Buffalo Springs Road	W	0.930	0.930	1.860	0.930	1.860
15-C-@-01096	CANYON	N	0.292	0.292	0.584	0.292	0.584
15-C-@-01120	CARLSON	S	0.140	0.140	0.140	0.140	0.140
15-C-@-01138	CHANNEL	Z	0.100	0.100	0.100	0.000	0.000
15-C-@-01167	CHINOOK COVE REST	N	0.378	0.378	0.803	0.378	0.803
15-C-@-01170	CHRISTISON	S	0.104	0.104	0.208	0.104	0.208
15-C-@-01185	CHU CHUA FERRY	W	1.900	1.900	2.267	0.367	0.734
15-C-@-01235	CLOUGH	E	0.601	0.601	1.202	0.601	1.202
15-C-@-01254	COLT	N	0.590	0.590	1.180	0.590	1.180
15-C-@-01318	CREEK SIDE	S	0.400	0.400	0.800	0.400	0.800
15-C-@-01360	CROSS	N	0.311	0.311	0.622	0.311	0.622
15-C-@-01396	DARFIELD CEMETERY	Z	0.200	0.200	0.200	0.000	0.000
15-C-@-01400	Darfield Frontage Road	N	0.213	0.213	0.356	0.143	0.286

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-C-@-01517	Dianna Road	W	0.400	0.400	0.606	0.206	0.412
15-C-@-01544	DISDERO	E	0.595	0.595	1.190	0.595	1.190
15-C-@-01553	Dixon Creek Road	N	4.882	4.882	9.764	4.882	9.764
15-C-@-01560	DIXON MOUNTAIN	N	2.023	2.023	3.713	1.690	3.380
15-C-@-01562	DIXON-SARGENT CREEK	Z	0.500	0.500	0.500	0.000	0.000
15-C-@-01645	DUNLOP	Z	0.160	0.160	0.000	0.000	0.000
15-C-@-01651	Dunn Lake Road	N	31.798	31.798	63.596	31.798	63.596
15-C-@-01686	Edwards Road	N	0.793	0.793	1.586	0.793	1.586
15-C-@-01774	FADEAR CREEK	Ε	12.776	12.776	25.552	12.776	25.552
15-C-@-01798	FIR	N	0.307	0.307	0.614	0.307	0.614
15-C-@-01800	FISHTRAP DUMP	S	0.141	0.141	0.282	0.141	0.282
15-C-@-01801	FISH TRAP REST AREA	N	0.155	0.155	0.397	0.155	0.397
15-C-@-01811	Flume Road	E	0.243	0.243	0.486	0.243	0.486
15-C-@-01838	FORSYTH	W	0.337	0.337	0.474	0.137	0.274
15-C-@-01847	FORTUNE	E	0.185	0.185	0.370	0.185	0.370
15-C-@-01848	FORTUNE FRONTAGE	N	0.350	0.350	0.700	0.350	0.700
15-C-@-01880	FRASER	Z	0.540	0.540	0.000	0.000	0.000
15-C-@-01967	Genier Lake Road	N	2.820	2.820	5.640	2.080	4.160
15-C-@-02003	GLENACRE	S	1.095	1.095	2.190	1.095	2.190
15-C-@-02009	GLENGROVE PLACE	S	0.290	0.290	0.580	0.290	0.580
15-C-@-02010	GLENGROVE	N	3.471	3.471	6.942	3.471	6.942
15-C-@-02030	Gordon Creek Road	N	2.000	2.000	3.800	0.263	0.526
15-C-@-02042	Gorman Road	S	3.200	3.200	4.134	0.934	1.868
15-C-@-02134	HAGEN	N	0.416	0.416	0.832	0.416	0.832
15-C-@-02255	HART	N	0.185	0.185	0.370	0.185	0.370
15-C-@-02258	HARVIE	N	1.001	1.001	2.002	1.001	2.002
15-C-@-02278	HAYES	Z	0.300	0.300	0.300	0.000	0.000
15-C-@-02296	Heffley Louis Creek Road	N	29.579	29.579	59.158	29.579	59.158

# RFI Highway Report Sorted by Highway Number

Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-C-@-02441	Hoovers Ferry Road	W	0.294	0.294	0.488	0.194	0.388
15-C-@-02540	JANE	W	0.230	0.230	0.254	0.024	0.048
15-C-@-02586	JOSEPHINE	N	1.332	1.332	2.664	1.332	2.664
15-C-@-02645	KEALTY	N	1.726	1.726	3.452	1.726	3.452
15-C-@-02863	LEAVITT	E	0.417	0.417	0.834	0.417	0.834
15-C-@-02908	LESTER	Z	0.304	0.304	0.304	0.000	0.000
15-C-@-02933	LIVINGSTONE	Z	0.481	0.481	0.962	0.481	0.962
15-C-@-02993	LOUGHEED	Z	0.100	0.100	0.200	0.000	0.000
15-C-@-03015	LYONS	S	0.832	0.832	1.664	0.832	1.664
15-C-@-03083	MCDOUGALL	N	0.721	0.721	1.442	0.721	1.442
15-C-@-03110	McGOWAN	N	0.168	0.168	0.336	0.168	0.336
15-C-@-03155	McLURE FERRY	W	2.063	2.063	4.126	2.063	4.126
15-C-@-03200	MacCOLL	E	0.207	0.207	0.414	0.207	0.414
15-C-@-03304	MEYER	W	0.748	0.748	1.496	0.748	1.496
15-C-@-03325	MITCHELL	E	0.900	0.900	0.900	0.900	0.900
15-C-@-03454	NEWCASTLE	Z	0.380	0.380	0.000	0.000	0.000
15-C-@-03465	NIND	W	0.130	0.130	0.130	0.130	0.130
15-C-@-03525	North Road	S	1.105	1.105	2.210	0.254	0.508
15-C-@-03563	ORCHARD LAKE	N	0.704	0.704	1.408	0.704	1.408
15-C-@-03609	PAGE	E	0.800	0.800	0.800	0.800	0.800
15-C-@-03618	PALMER	Z	0.800	0.800	0.800	0.000	0.000
15-C-@-03634	PARADISE LAKE	W	0.600	0.600	0.831	0.231	0.462
15-C-@-03724	PETERSON-BETTS	S	3.532	3.532	7.064	3.532	7.064
15-C-@-03762	PINEGROVE	N	0.953	0.953	1.906	0.953	1.906
15-C-@-03787	POPLAR	W	0.150	0.150	0.300	0.150	0.300
15-C-@-03841	PRICE	N	2.490	2.490	3.250	0.760	1.520
15-C-@-03922	QUARTZ	Z	0.100	0.100	0.100	0.000	0.000
15-C-@-03985	RICHTER	N	2.413	2.413	4.826	2.413	4.826

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenance	e Class Lengt	.h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-C-@-04017	RIVER BEND	Z	0.100	0.100	0.100	0.000	0.000
15-C-@-04187	SADLIER-BROWN	W	0.093	0.093	0.186	0.093	0.186
15-C-@-04244	SARGENT CREEK	W	0.347	0.347	0.694	0.347	0.694
15-C-@-04403	SHOOK	W	0.414	0.414	0.628	0.214	0.428
15-C-@-04425	SIMPSON	Z	0.400	0.400	0.400	0.000	0.000
15-C-@-04432	Sinmax Creek Road	S	0.515	0.515	1.030	0.515	1.030
15-C-@-04461	SMITH LAKE	Z	0.180	0.180	0.180	0.000	0.000
15-C-@-04575	STONE	E	0.396	0.396	0.684	0.288	0.576
15-C-@-04593	SULLIVAN VALLEY	N	0.380	0.380	0.760	0.380	0.760
15-C-@-04685	THUYA CREEK ROAD	N	0.430	0.430	0.860	0.430	0.860
15-C-@-04686	THUYA LAKE	S	0.203	0.203	0.203	0.203	0.203
15-C-@-04800	UNDERWOOD	Z	0.400	0.400	0.400	0.000	0.000
15-C-@-04872	VETERAN ROAD	N	0.736	0.736	1.172	0.436	0.872
15-C-@-04890	VINSULA FERRY	W	1.600	1.600	1.772	0.478	0.650
15-C-@-04895	VINSULA-KNOUFF LAKE	N	11.970	11.970	23.940	11.970	23.940
15-C-@-04900	VINSULA STATION	W	0.215	0.215	0.430	0.215	0.430
15-C-@-04905	VISTA POINT	N	1.969	1.969	3.938	1.969	3.938
15-C-@-04954	Walterdale Road	N	0.953	0.953	1.906	0.953	1.906
15-C-@-04997	WEBB	S	0.185	0.185	0.370	0.185	0.370
15-C-@-05018	Westsyde Road	N	22.604	22.604	45.208	22.604	45.208
15-C-@-05064	WILSON	N	8.968	8.968	17.936	8.968	17.936
15-C-@-05091	WOLSEY	S	6.482	6.482	12.964	0.782	1.564
15-C-@-05140	YOKUM	Z	1.000	1.000	1.000	0.000	0.000
15-C-@ Tota	1:			347.793	681.245	315.944	633.348
15-C - Barr:	iere Total:			347.793	681.245	315.944	633.348

RFI Highway Report Sorted by Highway Number

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenance	Class Lengt	:h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-00005Y	Rte 5 NB - Yellowhead	N	79.229	79.229	162.309	79.229	162.309
15-D-@-00024	Rte 24 EB	N	35.616	35.616	91.393	35.616	91.393
15-D-@-00511	ADAMS LAKE	N	4.079	4.079	8.158	4.079	8.158
15-D-@-00550	ALEXANDER	E	0.252	0.252	0.504	0.252	0.504
15-D-@-00557	ALLINGHAM WAY	N	3.870	3.870	3.990	1.995	3.990
15-D-@-00620	AULDGIRTH	S	4.790	4.790	9.580	4.790	9.580
15-D-@-00645	BALL	N	0.351	0.351	0.702	0.351	0.702
15-D-@-00676	BARNARD	S	0.105	0.105	0.210	0.105	0.210
15-D-@-00721	BATTLE MOUNTAIN ROAD	E	0.356	0.356	0.356	0.356	0.356
15-D-@-00724	BAUM	Z	0.300	0.300	0.000	0.000	0.000
15-D-@-00736	BEAN	N	0.344	0.344	0.688	0.344	0.688
15-D-@-00775	BELCHAM LANE	N	0.149	0.149	0.149	0.000	0.000
15-D-@-00809A	Birch Drive	E	0.357	0.000	0.000	0.000	0.000
15-D-@-00813	BIRCH ISLAND DUMP	W	2.082	2.082	4.164	2.082	4.164
15-D-@-00815	BIRCH ISLAND-LOST CR	N	23.161	23.161	46.322	23.161	46.322
15-D-@-00816	BIRCH LAKE DUMP	S	0.830	0.830	0.697	0.697	0.697
15-D-@-00820	BIRCH	N	1.715	1.715	3.430	1.715	3.430
15-D-@-00826	BIRCH ISLAND REST AREA	S	0.220	0.220	0.440	0.220	0.440
15-D-@-00837	BLACKPOOL	E	0.412	0.412	0.824	0.412	0.824
15-D-@-00838	BLACKWATER	N	1.777	1.777	3.554	1.677	3.354
15-D-@-00935	BOULDER CREEK	N	0.300	0.300	0.600	0.300	0.600
15-D-@-00940	BOUNDARY	N	0.584	0.584	1.168	0.584	1.168
15-D-@-00954	Bradshaw Road	E	0.933	0.933	1.788	0.933	1.788
15-D-@-00985	BROOKFIELD PIT RD	N	0.495	0.495	0.990	0.495	0.990
15-D-@-01017	BURMAN	N	0.540	0.540	1.080	0.540	1.080
15-D-@-01084	Candle Creek Road	N	1.991	1.991	3.982	1.991	3.982
15-D-@-01103	CAPOSTINSKY (Vavenby	W	0.400	0.400	0.800	0.400	0.800
15-D-@-01114	CARIBOU	N	1.010	1.010	2.020	1.010	2.020

RFI Highway Report Sorted by Highway Number

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-01126	CAROLINE	N	0.889	0.889	1.778	0.889	1.778
15-D-@-01129	CARTWRIGHT	S	0.584	0.584	1.168	0.584	1.168
15-D-@-01134	CEDARHOLM	S	0.093	0.093	0.186	0.093	0.186
15-D-@-01155	CHILD	Z	0.470	0.470	0.000	0.000	0.000
15-D-@-01187	CHURCH LANE	N	0.163	0.163	0.163	0.000	0.000
15-D-@-01188	CHURCH STREET	N	0.157	0.157	0.276	0.119	0.238
15-D-@-01204	CLEARWATER AIRPT ACC	Z	0.470	0.470	0.000	0.000	0.000
15-D-@-01206	CLEARWATER DUMP	S	1.428	1.428	2.856	1.428	2.856
15-D-@-01209	CLEARWATERS LANE	Z	0.149	0.149	0.149	0.000	0.000
15-D-@-01214	Clearwater Valley Road	N	68.255	68.255	136.510	68.255	136.510
15-D-@-01226	CLEAVELEY	E	0.180	0.180	0.360	0.180	0.360
15-D-@-01228	CLIFF	E	0.117	0.117	0.351	0.117	0.351
15-D-@-01288	CORRAL	N	2.936	2.936	5.572	2.636	5.272
15-D-@-01369	CUTTS	N	0.148	0.148	0.296	0.148	0.296
15-D-@-01412	DAVOREN	N	0.284	0.284	0.568	0.284	0.568
15-D-@-01429	DECOSMOS	S	0.263	0.263	0.526	0.263	0.526
15-D-@-01431	DEE	E	0.139	0.139	0.278	0.139	0.278
15-D-@-01445	DE FUCA	S	0.060	0.060	0.120	0.060	0.120
15-D-@-01454	DEIGHTON	Z	0.800	0.800	0.000	0.000	0.000
15-D-@-01574	DOHMS	S	0.200	0.200	0.400	0.200	0.400
15-D-@-01651	Dunn Lake Road	N	25.983	25.983	51.966	25.983	51.966
15-D-@-01670	EAGLE ISLAND	S	1.769	1.769	3.538	1.769	3.538
15-D-@-01671	EAKIN CREEK	S	24.475	24.475	48.950	24.475	48.950
15-D-@-01687	EDWARDS STREET	E	0.226	0.226	0.452	0.226	0.452
15-D-@-01738	EMERY	E	0.090	0.090	0.180	0.090	0.180
15-D-@-01783	FERRY ROAD [B.Pool]	S	0.818	0.818	1.636	0.818	1.636
15-D-@-01784	FERRY Rd. [L.Ft.]	S	0.287	0.287	0.574	0.287	0.574
15-D-@-01790	FIELD	Z	0.100	0.100	0.000	0.000	0.000

# RFI Highway Report Sorted by Highway Number

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summe	er Maintenance	Class Lengt	n
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-01808	FLEMING	Z	1.300	1.300	0.000	0.000	0.000
15-D-@-01829	FOOTE	W	0.277	0.277	0.554	0.277	0.554
15-D-@-01832	FORD	S	0.255	0.255	0.510	0.255	0.510
15-D-@-01919	GAGGIN	N	0.238	0.238	0.476	0.238	0.476
15-D-@-01937	GALIANO	N	0.403	0.403	0.806	0.403	0.806
15-D-@-02117	GROUSE CREEK	W	0.266	0.266	0.532	0.266	0.532
15-D-@-02126	GURU NANAK PLACE	N	0.133	0.133	0.266	0.133	0.266
15-D-@-02227	Harmon Road	E	2.373	2.373	4.746	2.373	4.746
15-D-@-02308	HELMCKEN FALLS ROAD	S	4.072	4.072	8.144	4.072	8.144
15-D-@-02315	HELSID	Z	0.300	0.300	0.000	0.000	0.000
15-D-@-02327	HERN	N	0.300	0.300	0.600	0.300	0.600
15-D-@-02396	HOIRUP	N	3.515	3.515	5.770	2.255	4.510
15-D-@-02418	HOLLAND	Е	0.617	0.617	1.234	0.617	1.234
15-D-@-02432	HOMER	Z	0.300	0.300	0.000	0.000	0.000
15-D-@-02462	HUMMINGBIRD	N	0.225	0.225	0.450	0.225	0.450
15-D-@-02468	HUNDSBEDT	E	0.243	0.243	0.486	0.243	0.486
15-D-@-02513	INSTITUTE STREET	Е	0.174	0.174	0.348	0.174	0.348
15-D-@-02544	JANICE LAKE	Z	0.250	0.250	0.000	0.000	0.000
15-D-@-02558	JENKINS	N	1.421	1.421	2.842	1.421	2.842
15-D-@-02566	JIM LANE	N	0.172	0.172	0.172	0.000	0.000
15-D-@-02580	JOHNSTON	E	0.906	0.906	1.612	0.806	1.612
15-D-@-02583	JONES CREEK	Z	1.000	1.000	1.000	0.000	0.000
15-D-@-02609	KP Road	E	2.565	2.565	5.130	2.565	5.130
15-D-@-02704	KIDD	S	0.244	0.244	0.488	0.244	0.488
15-D-@-02845	LATREMOUILLE STREET	E	0.169	0.169	0.338	0.169	0.338
15-D-@-02854	LAWRENCE	W	0.795	0.795	1.590	0.795	1.590
15-D-@-02881	LEMIEUX CREEK	N	10.571	10.571	21.142	10.571	21.142
15-D-@-02890	LEMPFRIT	S	0.097	0.097	0.194	0.097	0.194

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# RFI Highway Report Sorted by Highway Number

Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-02917	LIGHT BROWN	W	0.060	0.060	0.060	0.060	0.060
15-D-@-02929	LT. FORT REST AREA RD.	N	0.400	0.400	0.650	0.400	0.650
15-D-@-02949	LLOYD	N	1.671	1.671	3.342	1.671	3.342
15-D-@-03005	LOUISE	W	0.127	0.127	0.254	0.127	0.254
15-D-@-03029	MCCARTHY CREEK	S	1.705	1.705	3.174	1.705	3.174
15-D-@-03038	McCLENNAN	Z	0.200	0.200	0.200	0.000	0.000
15-D-@-03047	McCorvie Road	W	0.728	0.728	1.456	0.728	1.456
15-D-@-03056	McCRACKEN	W	1.237	1.237	1.254	0.627	1.254
15-D-@-03092	McGARRIGLE	E	0.172	0.172	0.344	0.172	0.344
15-D-@-03137	McLELLAN	S	0.282	0.282	0.564	0.282	0.564
15-D-@-03160	McMARTIN	Z	0.110	0.110	0.000	0.000	0.000
15-D-@-03164	McMURPHY STATION	S	0.365	0.365	0.730	0.365	0.730
15-D-@-03173	McNAB	N	2.952	2.952	5.904	2.952	5.904
15-D-@-03218	MANN	S	0.401	0.401	0.701	0.101	0.101
15-D-@-03232	MAQUINNA	Z	0.100	0.100	0.000	0.000	0.000
15-D-@-03238	MARFIELD	Z	0.200	0.200	0.000	0.000	0.000
15-D-@-03267	MAY	Z	0.765	0.765	0.000	0.000	0.000
15-D-@-03331	MOILLIET	S	0.104	0.104	0.208	0.104	0.208
15-D-@-03371	MOUL CREEK	W	0.070	0.070	0.070	0.070	0.070
15-D-@-03392	MOUNT OLIE STREET	S	0.549	0.549	1.098	0.549	1.098
15-D-@-03434	NAKISKA	Z	0.250	0.250	0.000	0.000	0.000
15-D-@-03474	NOBLE	E	0.376	0.376	0.752	0.376	0.752
15-D-@-03521	NORRIS	S	2.471	2.471	4.942	2.471	4.942
15-D-@-03554	Old North Thompson Road	N	6.746	6.746	13.492	6.746	13.492
15-D-@-03560	OPAX	S	0.181	0.181	0.362	0.181	0.362
15-D-@-03652	PARKER	Z	0.050	0.050	0.000	0.000	0.000
15-D-@-03697	PEARCE	Z	0.200	0.200	0.200	0.000	0.000
15-D-@-03706	PEAVINE	N	0.979	0.979	1.958	0.979	1.958

RFI Highway Report Sorted by Highway Number

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Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summe	er Maintenance	Class Lengt	h
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-03739	PETROL	N	1.154	1.154	2.308	1.154	2.308
15-D-@-03740	PHILLIPS	N	0.463	0.463	0.926	0.463	0.926
15-D-@-03886	PUMPING STATION	N	1.028	1.028	2.056	1.028	2.056
15-D-@-03890	PYRAMID MOUNTAIN RD	E	1.300	1.300	2.600	1.300	2.600
15-D-@-03920	PYE	S	0.303	0.303	0.606	0.303	0.606
15-D-@-03949	RAY	E	0.354	0.354	0.708	0.354	0.708
15-D-@-04027	RIVERSIDE	S	0.176	0.176	0.352	0.176	0.352
15-D-@-04133	ROUND TOP	N	3.803	3.803	7.606	3.803	7.606
15-D-@-04142	RUBY	S	0.143	0.143	0.286	0.143	0.286
15-D-@-04151	RUDLANG	Z	0.060	0.060	0.000	0.000	0.000
15-D-@-04156	RUPEL	Z	0.800	0.800	0.000	0.000	0.000
15-D-@-04226	SANDHILL	S	1.701	1.701	3.402	1.701	3.402
15-D-@-04291	SCHOOL	N	0.151	0.151	0.332	0.151	0.332
15-D-@-04448	SKINNER	E	2.310	2.310	3.964	2.310	3.964
15-D-@-04521	Star Lake Road	S	1.700	1.700	3.400	1.700	3.400
15-D-@-04629	Sunshine Valley Road	N	0.157	0.157	0.314	0.157	0.314
15-D-@-04663	TAYLOR RD.	S	0.030	0.030	0.060	0.030	0.060
15-D-@-04681	THOMPSON DRIVE	S	0.472	0.472	0.944	0.472	0.944
15-D-@-04729	TOMYN	Z	0.200	0.200	0.000	0.000	0.000
15-D-@-04766	TRAUB	N	0.732	0.732	1.464	0.732	1.464
15-D-@-04773	TROUT CREEK	N	2.357	2.357	4.714	2.357	4.714
15-D-@-04857	VAVENBY BRIDGE RD	S	2.015	2.015	4.070	2.015	4.070
15-D-@-04863	VAVENBY FERRY	N	0.300	0.300	0.300	0.300	0.300
15-D-@-04945	WALKER	S	0.393	0.393	0.786	0.393	0.786
15-D-@-04963	WATER STREET	Z	0.160	0.160	0.000	0.000	0.000
15-D-@-05063	WILSON LANE	N	0.149	0.149	0.149	0.000	0.000
15-D-@-05073	WINDPASS	S	7.856	7.856	15.712	7.856	15.712
15-D-@-05093	WOOD	S	0.046	0.046	0.092	0.046	0.092

IDIR\JSABY

# RFI Highway Report Sorted by Highway Number

Region: 2 - Southern Interior

District: 6 - Thompson-Nicola District

				Summ	er Maintenanc	e Class Leng	th
		RFI	RFI	Road	Lane	Road	Lane
		Dir	Length	1 to 8	1 to 8	1 to 7	1 to 7
15-D-@-06100	HIGHWAY 24 RUNAWAY 1	S	0.350	0.350	0.350	0.350	0.350
15-D-@-06101	HIGHWAY 24 RUNAWAY 2	S	0.280	0.280	0.280	0.280	0.280
15-D-@-06102	HIGHWAY 24 RUNAWAY 3	S	0.346	0.346	0.346	0.346	0.346
15-D-@-06103	HIGHWAY 24 RUNAWAY 4	S	0.600	0.600	0.600	0.600	0.600
15-D-@-N0010	Clearwater Station Road (Clearwater Municipality)	Е	0.250	0.000	0.000	0.000	0.000
15-D-@ Tota	1:			385.945	768.623	372.062	764.043
15-D - Clea:	rwater Total:	·		385.945	768.623	372.062	764.043
15 - Thompso	on Total:			2043.800	3885.634	1781.653	3614.154

From: Saby, Jeff D TRAN:EX

**Sent:** Thursday, April 16, 2015 12:47 PM

**To:** Folk, Trent TRAN:EX

Subject: Glenacre

**Hey Trent** 

Only thing in my road file is the most recent complaint. Anything else likely in ARCS file.

Jeff Saby

Area Manager Roads

Ministry of Trans and Infrastructure

Kamloops

Jeff.Saby@gov.bc.ca

Mobile 250-371-7726

Office 250-371-3856

Sent from my iPhone

From: Saby, Jeff D TRAN:EX

**Sent:** Tuesday, June 10, 2014 9:10 AM

**To:** Cousins, Paula TRAN:EX

Subject: RE: \$.22

I will...thanks

From: Cousins, Paula TRAN:EX

Sent: Tuesday, June 10, 2014 9:09 AM

**To:** Saby, Jeff D TRAN:EX **Cc:** Folk, Trent TRAN:EX

Subject: Re: s.22

s.13

Sent from my iPhone

On Jun 10, 2014, at 9:08 AM, "Saby, Jeff D TRAN:EX" < Jeff.Saby@gov.bc.ca > wrote:

Thanks Paula,

I will call him. I have not discussed this with him lately, but certainly have in the past. s.13,s.22

From: Cousins, Paula TRAN:EX

Sent: Tuesday, June 10, 2014 9:03 AM

**To:** Saby, Jeff D TRAN:EX **Cc:** Folk, Trent TRAN:EX

Subject: s.22

Hi Jeff,

I had a message from<sup>s.22</sup> (sp) this morning wanting me to call him back regarding rip rap along the bank at the end of Glenacre Road. Before I get back to him, have you discussed this with him recently? If not, do you want to give him a call before I get involved? Not sure what is concern is, I was down there a few weeks ago and there is already a bunch of rip rap on the bank at the bus turnaround?

His number is s.22

Thanks, Paula

From: Saby, Jeff D TRAN:EX

Sent: Thursday, September 17, 2015 1:11 PM

To: Olsen, Donna K TRAN:EX

**Subject:** Thompson Nicola District Road KM's

Attachments: Highway\_Report.pdf

### Hi Donna,

There are 2043 "Road Kilometers" in the Thompson District. Please note that the "Lane Kilometers" is not simply a doubling of this figure as we have multi lane facilities in the District. If you need details for other things please give me a shout.

# Jeff Saby

Area Manager Roads BC Ministry of Transportation & Infrastructure 447 Columbia Street, Kamloops, BC V2B 4Y9 Phone (250)371-3856 Fax (250)371-3848 UMFW 2007 - Ministry of Environment

			9 km South of Little		I		
Southern	Thompson Nicola		Fort adjacent to Hwy	Placement of rip rap and fill material to			
Interior	District	Kamloops	#5	alleviate erosion threat to highway	\$	90,000	March 16, 2007
interior	District	Ramioops	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The threat is from bank erosion from the	Ψ	30,000	Watch 10, 2007
				South Thompson River which is effecting			
				Shuswap Rd. It would require about 1500m3			
Southern	Thompson Nicola		400 m west of	of 100kg rock to protect the bank and			
Interior	District	Kamloops	LaFarge bridge.	minimize the erosion.	\$	75,000	March 16, 2007
intenoi	District	Ramioops	Lai aige blidge.	Thirminge the erosion.	Ψ	73,000	Warch 10, 2007
				Needs about 1000m of 100kg rock to protect			
				road from North Thompson River erosion.			
				Road connects to private driveway and is the			
				only access to residence beyond this point.			
			Glenacre Road -	Some rip rap available at Rayleigh site, but			
Southern	Thompson Nicola		subdivision off Hwy #	not enough to complete the work.			
Interior	District	Kamloops	5 in McLure.	Requires rip rap source and production	ф	E0 000	March 16, 2007
intenor	DISTRICT	Kamioops	5 III MCLure.	Requires hip rap source and production	\$	50,000	Warch 16, 2007
				This site requires both upstream work and			
				downstream work on the Nicola River to			
				armour the banks and maintain the current			
				stream channel. This section of the river has			
				been extremely active and has changed			
				channels several time. The upstream work			
				will be required at a later date to ensure that			
				the river does not wash out the west end of			
				the bridge. At this time, the upstream work is			
			Beaks Bridge on	not yet required. The downstream work is a relatively small site that will require			
			Ŭ	1 '			
Couthorn	Thompson Nicela		Lauder Road, Bridge	approximately 300m3 of rip rap and filter			
Southern	Thompson Nicola	Manusita	No. 6528, Road No.	cloth. The nearest supply of rip rap is a	<b>6</b>	10.000	Marsh 10, 0007
Interior	District	Merritt	040	private source on Quilchena Ranch.	\$	10,000	March 16, 2007

				]			
				The upstream bank of the Coldwater River			
				requires armour to protect the bridge			
				abutment. This is a relatively simple project			
				that will require 10 loads of rip rap and the			
				associated excavator time. Rip Rap has			
				been placed at this site in previous years, but			
				subsequent floods have washed away some			
				of the material. This project will reinforce the			
				existing rip rap. Brodie Pit is approximately			
l			Gillis Road, Bridge	15km away and may have sufficient rip rap			
Southern	Thompson Nicola		No. 6516, Road No.	available. This cannot be confirmed due to			
Interior	District	Merritt	172	snow cover.	\$	5,000	March 16, 2007
				The Coldwater Road is threatening the road			
				structure. This project will augment the			
				existing rip rap and will require approximately 10 loads of rip rap and the associated			
			Coldwater Road,	excavator time. Brodie Pit is approximately			
			· · · · · · · · · · · · · · · · · · ·	10km away and may have sufficient rip rap			
Southern	Thompson Nicola		Brookmere #1 Bridge,	available. This cannot be confirmed due to			
Interior	District	Merritt	Road No. 017	snow cover.	\$	5,000	March 16, 2007
- Interior	Diotriot	IVIOITIE	11044 110. 017	The upstream side of the bridge on the	Ψ	3,000	Wareir 10, 2007
				Nicola River will require armouring to protect			
				the bridge structure. The site is			
				approximately 80m in length. The rip rap is			
				required to be approximately 4m in height			
			Canford Bridge on	and 2m in width. The nearest source of rip			
			Petit Creek Road,	rap is the Collettville Quarry in Merritt.			
Southern	Thompson Nicola		Bridge No. 0197,	However, there is currently an inadequate			
Interior	District	Merritt	Road No. 065	supply at that site.	\$ 15	5,000	March 16, 2007
				The outer edge of the road has washed out			
				to due erosion from the Thompson River.			
				Approximately 80 loads of mixed size rip rap			
				will be required to reestablish and armour the			
				slope to prevent a reoccurence. The site is			
			Lluny 9 approx 3 km	approximately 3km from the 3-Mile Quarry (MoT). However, there may not be sufficient			
Southern	Thompson Nicola		Hwy 8, approx. 2 km east of the junction	material at this site and some blasting may			
Interior	District	Merritt	with Hwy 1	be required to produce more rip rap.	\$ 15	5,000	March 16, 2007
IIILEIIOI	District	IMOTHU	vviti i ivvy i	be required to produce more up rap.	Ψ 13	5,000	Walcii 10, 2007

From: Newby, Deborah TRAN:EX

Sent: Wednesday, March 28, 2007 9:45 AM

To: Boehringer, Christine TRAN:EX; Jones, Josie TRAN:EX; Fredrickson, Reg TRAN:EX;

Fredrickson, Reg TRAN:EX

Cc: Jamal, Nash TRAN:EX; Corder, Bob TRAN:EX; Strachan, Tina C TRAN:EX; Wilson, Jeanne

A TRAN:EX; Martin, Vicki N TRAN:EX; Greenwood, Bonnie L TRAN:EX; Russell, Loreen B

TRAN:EX; Brown, Cuda TRAN:EX

**Subject:** PEP Mitigative Projects

Good morning Reg, I saw your comment about further instructions to follow and wonder if you would confirm or consider the following questions/assumptions when preparing the instructions:

- We have issued a new Project #, totally separate from any other PEP work, called "PEP 2007 Freshet Mitigation" - 1 per district, running in the PEP service line 61920

RC SL Proj Name
231 61920 22603 231 PEP 2007 Freshet Mitigation
233 61920 22604 232 PEP 2007 Freshet Mitigation
234 61920 22605 233 PEP 2007 Freshet Mitigation
235 61920 22606 234 PEP 2007 Freshet Mitigation

#### SIR Districts: Please send Cuda Brown a Project Approval form for each of the above project numbers.

- Can we please get clarification on permissable expenses. With the many changes occurring in PEP we would like to confirm if the guideline is regular PEP stuff (and what this now includes) or full project costs.
- We assume that when the mitigative works are completed in the next couple of months we will submit JVs per usual?

Reg, could you add the RMCSs to your distribution list regarding PEP projects and funding.

Thanks.

Deborah Newby Regional Manager Corporate Services Southern Interior Region

----Original Message-----

From: Fredrickson, Reg TRAN:EX Sent: March 19, 2007 3:33 PM

To: Atkins, Brian L TRAN:EX; Chudleigh, Gordon J TRAN:EX; Eastman, Barry W TRAN:EX; Edmunds, Kurt D TRAN:EX; Helgeson, Jim W TRAN:EX; Hughes, Fred C. TRAN:EX; Marshall, Ron; Morris, Danny D TRAN:EX; Mounteney, Renee A TRAN:EX; Nelson, Harvey TRAN:EX; O'Brien, Bob TRAN:EX; Olleck, Glenn TRAN:EX; Palesch, Dan TRAN:EX; Penner, Randy; Walker, Max D TRAN:EX; Webb, Bob E TRAN:EX; Wiseman, Jeff; Wood, Neil A TRAN:EX; Bennetto, Jack; Dennis, Perry TRAN:EX; Dupas, Jacques; Eland, Sherry; Guthrie, L Jim TRAN:EX; Hubner, Todd; Lachmuth, Grant; Ramsay, Don; Rick, Blixrud; Uyesugi, Steve; Wightman, Peter M TRAN:EX

Cc: Pharand-Fraser, Nicole TRAN:EX; Cooper, Tracy; Duncan, Dave TRAN:EX; Mason, Shanna TRAN:EX; Richter,

Kevin

Subject: FW: Project Approval Li

Hi folks:

Thank you for your submissions as it has resulted in the ability to do some of the works you see as important to protecting the infrastructure. Please proceed as quickly as possible. Please keep track of all of your costs etc., as you enable these projects. As noted below further instructions will follow.

### Reg Fredrickson

----Original Message-----

From: Anderson, Steve TRAN:EX Sent: Fri, March 16, 2007 7:19 PM

To: Richter, Kevin J TRAN:EX; Duncan, Dave TRAN:EX; Mason, Shanna TRAN:EX

Cc: Fredrickson, Reg TRAN:EX Subject: Fw: Project Approval Li

Attached is a list of \$2.15M of pep approved freshet 2007 mitigative works.

#### Steve

---- Original Message ----From: Whyte, James A SG:EX To: Fredrickson, Reg TRAN:EX

Cc: Anderson, Steve TRAN:EX; Meredith, Dwayne W SG:EX; Weber, Donna SG:EX

Sent: Fri Mar 16 17:42:50 2007 Subject: FW: Project Approval List

#### Reg,

Attached is the list of projects which MOT can proceed with funding support through PEP. We have approved most of the MOT submitted projects from your list. The ones we did not approve we need to talk about.

Also be aware that I received a call from Barry Eastman, MOT Chilliwack. Barry reports that most of the steep slope creeks on the east side of Hatzic Valley blew out over the weekend and are infilled with gravel and debris. I asked him to submit a project proposal through you for funding. The province has cleaned these creeks out a number of times and it sounds like it needs to be done again to protect the provincial road up through the Hatzic Valley.

I will call you next week to discuss the other projects, rip rap production and project tracking details.

#### Thanks,

Jim Whyte, AScT Director, Provincial Operations

PROVINCIAL EMERGENCY PROGRAM Emergency Management British Columbia 455 Boleskine Road Victoria BC CANADA V8Z 1E7 www.pep.bc.ca

Ph: 250.952.4544 Fax: 250.952.4888

24 hour Emergency Reporting: 1.800.663.3456

\_\_\_\_\_\_

From: Meredith, Dwayne W SG:EX Sent: Fri, March 16, 2007 17:31

To: Filmer, Cam A SG:EX
Cc: Whyte, James A SG:EX
Subject: Project Approval List

Cam, MOE, MOT, ILMB and PEP have approved the projects attached. There are additional projects that are being scrutinized and we expect several more projects to be submitted by on Monday. Information flow between ministries has been continuous and very cooperative,

Local Authority Projects to Date by MOE (Glen Davidson)

- A number of additional project proposals were received today
- \* Approximately 16 received so far
- \* Monday, March 19 was given as the date to get proposals in to MOE

Proponents listed in the attachment have been given verbal approvals and will follow up with the paperwork.

The total cost for these approved projects are: \$4.1 million.

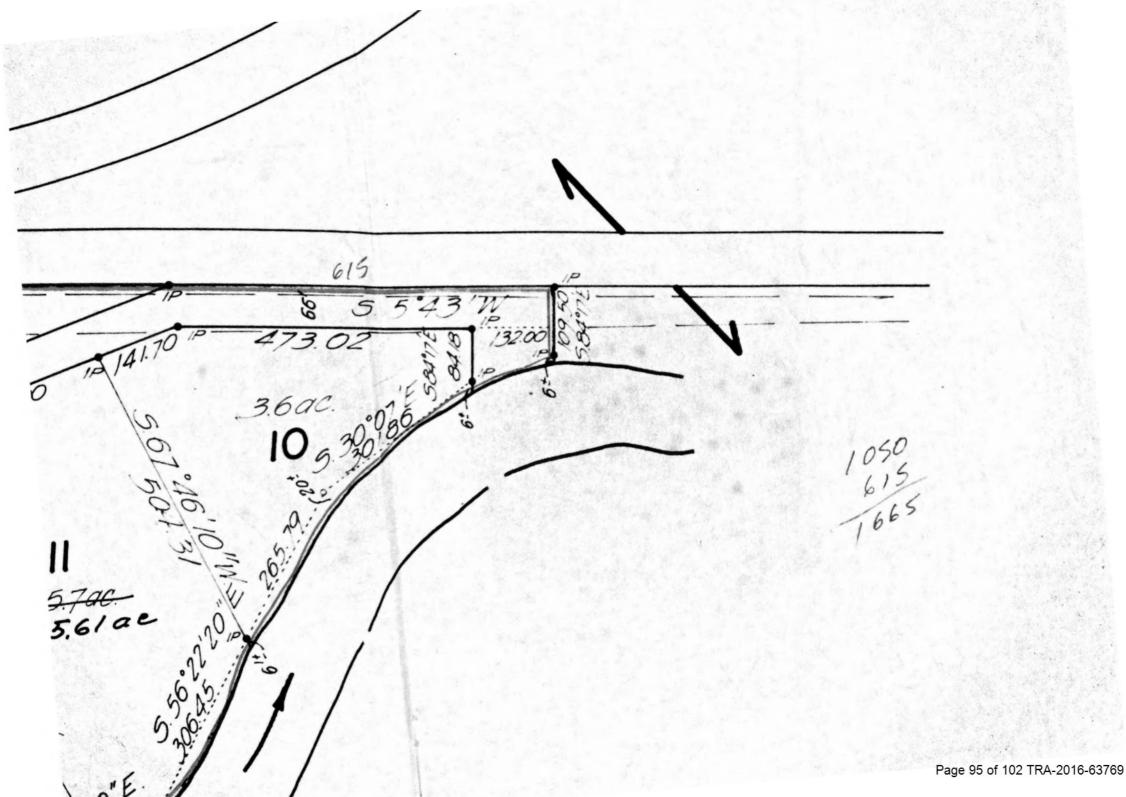
<<combined.xls>>

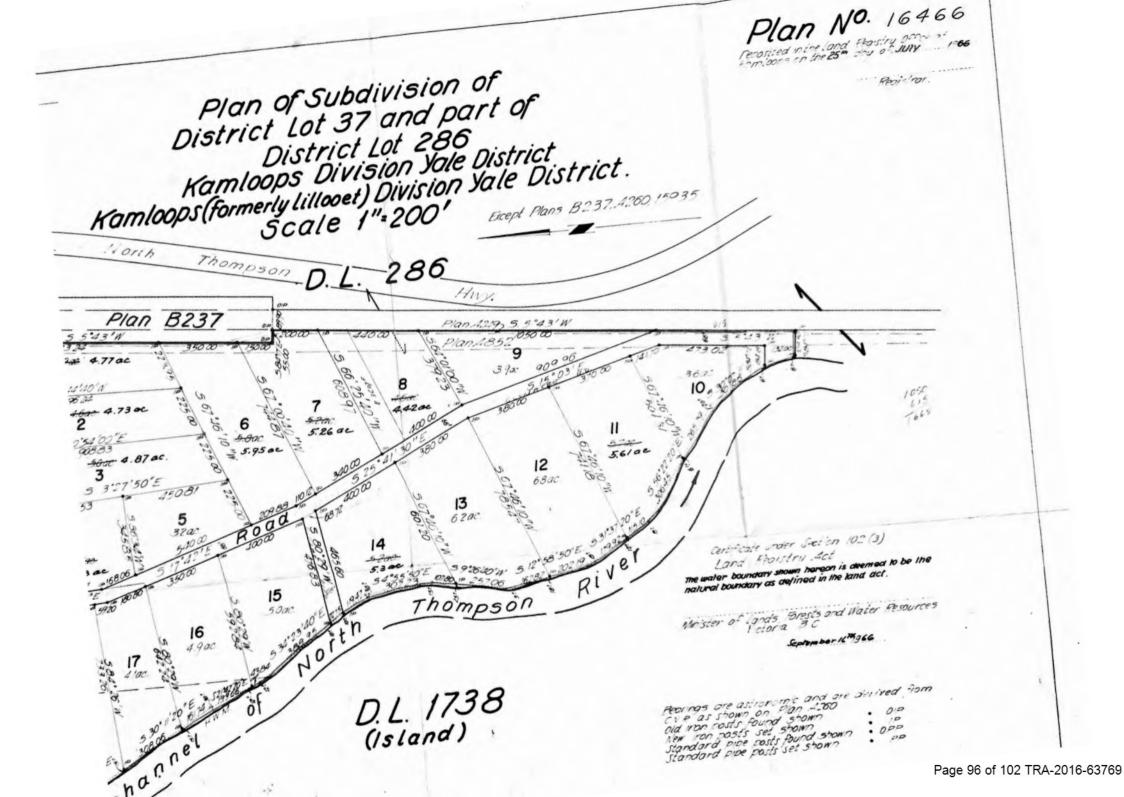
Dwayne Meredith Manager, Natural Hazards Mitigation

PROVINCIAL EMERGENCY PROGRAM Emergency Management British Columbia 455 Boleskine Road Victoria, B.C. CANADA V87 1E7 www.pep.bc.ca

Ph 250.952.4904 Fax 250.952.4888 24 Hour Emergency Reporting 1.800.663.3456

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From: Folk, Trent TRAN:EX

To: Gillese, Kevin JAG:EX; Bathe, Nisha JAG:EX

Subject: s.22 (Glenacre Road)

 Date:
 Thursday, April 16, 2015 11:05:00 AM

 Attachments:
 s.22
 Letter October 1, 2014.pdf

### Kevin/Nitha,

I've attached a photo that shows the site below. Our work extended upstream to protect the cul de sac turn around. It came a number of years after s.22 rip rap installation. In speaking with Shawn, he believes our installation cost in the neighbourhood of \$35,000 for around 90m of work.

s.22 explains in the letter attached that his 200m installation cost s.22 which is one of the reasons we've suggested lack of quality of work was more a contributor to the failure of the rip rap.

Not a whole lot more for history that we didn't already discuss. Hopefully Shawn will be able to fill in some of the missing pieces, and we can come up with a plan to move forward.

Copyright

## Thanks, Trent Folk

District Operations Manager
Thompson Nicola District
Ministry of Transportation and Infrastructure
Office: 250.371.3809 | Cell: 250.819.9044

From: Sullivan, Mike TRAN:EX
To: Folk, Trent TRAN:EX
Cc: Clough, Shawn R TRAN:EX
Subject: RE: Glenacre Road

Date: Friday, May 29, 2015 9:09:01 AM

Hi Trent,

I am leaving in a few minute for Kettle River and will be in the field most of today. Can we discuss on Monday?

Thanks, ..Mike

### Mike Sullivan, P.Eng.

Senior Hydrotechnical Engineer

Ministry of Transportation and Infrastructure – Southern Interior Region

231 – 447 Columbia Street Kamloops, B.C. V2C 2T3

Ph: (250) 371-3968 Cell: (250) 319-6394 Mike.Sullivan@gov.bc.ca

From: Folk, Trent TRAN:EX

Sent: Monday, May 25, 2015 8:28 AM

To: Sullivan, Mike TRAN:EX
Cc: Clough, Shawn R TRAN:EX
Subject: Glenacre Road

Hey Mike,

I was wondering if you might have some availability on Friday morning this week...or today? There is a file we would really like some assistance reviewing, and determining next steps to do with some river armouring we completed in 2007/2008.

#### Quick Background:

A downstream land owner had asked us to install rip rap to protect his property for several years. We told him that we don't do work to protect private property, and would only armour the river if/when it impacted the Glenacre Road cul-de-sac which is where his driveway and property access the road. He installed rip-rap the length of his property to protect it from erosion. A number of years later, the road did in fact become threatened, and we installed rip-rap immediately upstream of his property and the rip rap bank that he installed. The following freshet, his rip rap washed away. It wasn't until last year that he came back to us, suggesting that it was our rip-rap installation that caused his to fail, and that we are responsible to replace his rip-rap.

We believe that his rip rap was in a pretty poor state when we constructed ours, and that the quality of his installation in the first place wasn't adequate, rather than our installation being at fault. I realize that it's likely quite tough to go back and look at things after the fact, but I'm hoping that we could discuss the issue, and see if there is any analysis that could be done to help us deal with this claim.

Thanks,

Trent Folk, P.Eng.

District Manager, Transportation
Thompson Nicola District
Ministry of Transportation and Infrastructure

Office: 250.371.3805 | Cell: 250.819.9044

From: Folk, Trent TRAN:EX
To: Sullivan, Mike TRAN:EX
Cc: Clough, Shawn R TRAN:EX
Subject: RE: Glenacre Road

Date: Monday, May 25, 2015 9:08:00 AM

Can you pop down around 9:45 or 10:00? I have the land owner stopping in for a quick discussion shortly, but when he is gone, I'm free any time before 10:30.

Trent

From: Sullivan, Mike TRAN:EX

Sent: Monday, May 25, 2015 8:48 AM

To: Folk, Trent TRAN:EX
Cc: Clough, Shawn R TRAN:EX
Subject: RE: Glenacre Road

Hi Trent,

I am in today, so you could drop by or I could come down to see you.

..Mike

#### Mike Sullivan, P.Eng.

Senior Hydrotechnical Engineer

Ministry of Transportation and Infrastructure – Southern Interior Region

231 – 447 Columbia Street

Kamloops, B.C. V2C 2T3

Ph: (250) 371-3968 Cell: (250) 319-6394 Mike.Sullivan@gov.bc.ca

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**Sent:** Monday, May 25, 2015 8:28 AM

To: Sullivan, Mike TRAN:EX
Cc: Clough, Shawn R TRAN:EX
Subject: Glenacre Road

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# Thanks, Trent Folk, P.Eng.

District Manager, Transportation
Thompson Nicola District
Ministry of Transportation and Infrastructure

Office: 250.371.3805 | Cell: 250.819.9044

From: Lorimer, Mike TRAN:EX

To: Folk, Trent TRAN:EX

Subject: RE: McLure Erosion Issue

Date: Thursday, July 2, 2015 2:19:16 PM

I'm around tomorrow if you want...later in the day?

## Mike Lorimer

### **Regional Director - Southern Interior Region**

From: Folk, Trent TRAN:EX

Sent: Tuesday, June 23, 2015 3:26 PM

To: Lorimer, Mike TRAN:EX Subject: McLure Erosion Issue

Hey Mike,

I'm hoping that you have a moment or two to discuss a stakeholder issue we've been dealing with in McLure.

### A quick synopsis:

• The land owner has suggested that the ministry caused the failure of armouring and rip rap which he installed in the North Thompson, adjacent to his land. He is claiming that we made changes to the river when we installed rip rap to protect Glenacre Road in 2008 which is the reason his rip rap failed. With some legal guidance, we have made him an offer to assist; however, I'm not sure he is going to accept our offer, so I'd like to discuss this with you before we move to the next step.

#### Thanks,

### Trent Folk, P.Eng.

District Manager, Transportation
Thompson Nicola District
Ministry of Transportation and Infrastructure

Office: 250.371.3805 | Cell: 250.819.9044