



Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project
Community Engagement February 1 – 18, 2018

Engagement Summary Report

April 2018

Prepared by
Kirk & Co. Consulting Ltd.

Kirk&Co.

ABOUT KIRK & CO. CONSULTING LTD.

Kirk & Co. is a recognized industry leader in designing and implementing comprehensive public and stakeholder consultation and engagement programs. Utilizing best practices, consultation and engagement programs are designed to maximize opportunities for input. Kirk & Co. independently analyzes and reports on public and stakeholder input.

The views represented in this summary report reflect the priorities and concerns of engagement participants. They may not be representative of the views of the public and other stakeholders because participants self-selected into the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project engagement, and therefore do not reflect a random sample.



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1. Background

The Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project involves four-laning approximately 1.9 km of Highway 1 in Sicamous, including replacement of the RW Bruhn Bridge. The project extends approximately 2.5 km between Old Sicamous Road and Silver Sands Road, and includes intersection improvements at Old Sicamous Road, Old Spallumcheen Road, Gill Avenue and Silver Sands Road.

Built in 1962, RW Bruhn Bridge is a two-lane bridge connecting communities along Highway 1. It also provides an important local link for District of Sicamous residents and visitors to access businesses and services. The bridge is over 50 years old and while it is safe for users, the infrastructure is aging and the time has come for its replacement.

Since fall 2014, meetings have been held with local government, First Nations, stakeholders and the public to get input on project options and local community needs. The first round of community engagement was held from November 15, 2016 to January 15, 2017 and sought feedback from the community regarding three options that were being considered for the project.

Following consideration of input gathered during this engagement period, and as a result of technical work and input from local government and First Nations, two options continue to be under evaluation in the preliminary design phase:

- One bridge option: 5-lane bridge with approach improvements (\$215 million)
- Two bridge option: 4-lane bridge with Main Street bridge and approach improvements (\$215 million)

The ministry intends to apply for federal cost sharing for the project under Infrastructure Canada's New Building Canada Fund – Provincial-Territorial Infrastructure Component prior to the March 31, 2018 deadline.

The ministry has not yet identified a preferred concept for advancement. Selection of a preferred option will consider engineering, environmental and financial information, along with feedback from local government, First Nations, the public, and the Project Liaison Committee, and will occur in spring 2018.

2. Community Engagement: February 1 – 18, 2018

2.1. PURPOSE

Community engagement was undertaken by the Ministry of Transportation and Infrastructure from February 1 to 18, 2018 to seek feedback from the public regarding the two options under consideration for the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project. Engagement materials, including an online feedback form and fly-over animation for the public open house were posted online at gov.bc.ca/bchwy1-bruhn.

2.2. ENGAGEMENT PARTICIPATION

There were a total of **986** participant interactions during the community engagement period:

- **770** completed feedback forms were received (**739** online, **31** hard copy)
- **186** people attended a public open house on February 1, 2018
- **30** written submissions were received through email

2.3. ENGAGEMENT TOPICS

The community engagement period focused on providing information and collecting feedback regarding the two remaining options under consideration for the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project. The display boards and feedback form provided background on the project, engagement to-date, and outlined the proposed options and intersection configurations. The fly-over videos provided a conceptual animation of the proposed options to help participants conceptualize the potential bridge design, access and configuration. Conceptual design information and renderings were presented to explain and compare replacement options 1 and 2.

The public was encouraged to engage and provide their feedback regarding the replacement options for Trans-Canada Highway 1 RW Bruhn Bridge, specifically relating to their level of agreement to a one or a two bridge option, and any additional comments.

2.4. NOTIFICATION

Notification of opportunities to participate in engagement included:

- **Postcard:** Approximately 1,200 postcards were delivered to residents and businesses in Sicamous the week of January 15, 2018. *A map outlining the distribution area can be found in Appendix 1.*
- **News Release:** A news release, inviting the public and media to the February 1 open house was distributed by Government Communications and Public Engagement on behalf of the Ministry of Transportation and Infrastructure on Monday, January 22, 2018. (<https://news.gov.bc.ca/releases/2018TRAN0010-000070>)
- **Newspaper Advertising:** A print advertisement regarding the public open house was featured in Sicamous Eagle Valley News on January 17, 24 and 31, 2018.
- **Social Media:** Five tweets and one Facebook post were posted from @TranBC inviting the public to attend the February 1 open house and provide their feedback online.
- **Engagement Website:** All engagement materials were available on the project website on February 1, 2018 (gov.bc.ca/bchwy1-bruhn).
- **Flyer:** A flyer was distributed to Project Liaison Committee members and local strata management companies.
- **Sicamous and District Recreation Centre:** An advertisement was posted on the billboard at the venue for the February 1 open house.

A copy of the notification materials can be found in Appendix 1.

2.5. ENGAGEMENT METHODS

2.5.1. OPEN HOUSE

186 participants attended a public open house on February 1, 2018. The display boards were provided to attendees in print form and were displayed around the room. Project team members were available to answer questions and attendees were encouraged to fill out the feedback form in hard copy during the open house or online.

2.5.2. DISPLAY BOARDS AND FEEDBACK FORM

The open house display boards provided information regarding the RW Bruhn Bridge and Approaches Project, including project objectives, technical information regarding the two options under evaluation, as well as the project timeline, and past and present public engagement activities. The feedback form also included an overview of the two options and provided an opportunity for participants to provide their feedback.

A copy of the open house display boards and feedback form can be found in Appendix 2.

2.5.3. FLY-OVER VIDEO

The open house presentation included fly-over videos of both options to provide participants with a visual representation of the conceptual bridge designs. These videos were displayed on two televisions at the open house and were also available online at gov.bc.ca/bchwy1-bruhn.

2.5.4. ONLINE ENGAGEMENT

All community engagement materials were made available to the public online at gov.bc.ca/bchwy1-bruhn, including electronic copies of the open house display boards, an online feedback and the fly-over videos. Of the 770 feedback forms received, **739** were submitted online.

2.5.5. PROJECT LIAISON COMMITTEE

A Project Liaison Committee was established in 2014 to obtain technical feedback from staff from First Nations, local governments, municipalities and utilities located adjacent to the highway corridor.

The committee was re-established in fall 2017, with the addition of representation from local business stakeholders, residents and the local marine community. Project Liaison Committee meetings were held on February 1, 2018 to provide information regarding the project, including an overview of the engagement materials. Project team representatives were available to answer questions and members were encouraged to submit their feedback.

Feedback from the Project Liaison Committee will be considered in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge, along with engineering, environmental and financial information, and feedback from local government, First Nations, and the public.

3. Engagement Results

3.1. FEEDBACK FORMS

A total of **770** feedback forms regarding the Trans-Canada Highway 1 RW Bruhn and Approaches Project were received during the engagement period from February 1 to 18, 2018.

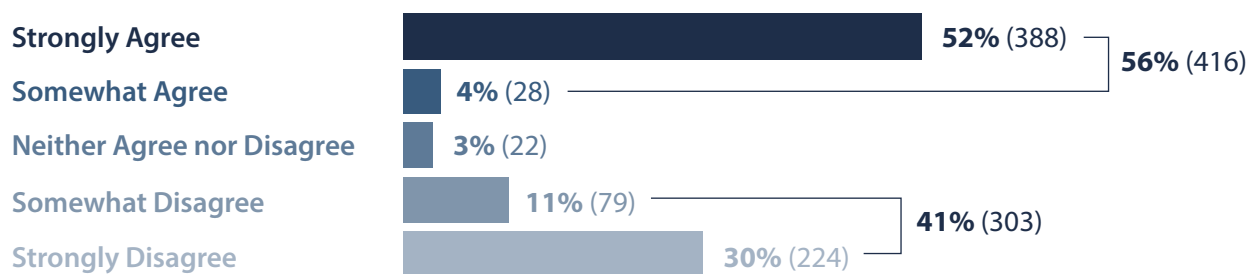
Following are the feedback form questions and a summary of responses received. This summary reflects the comments most frequently mentioned by respondents. Themes with a 5% or higher mention rate have been included in the qualitative results.

Note: the number of mentions may exceed the total number of responses received, as respondents may have commented on more than one topic.



ONE BRIDGE OPTION: 5-LANE BRIDGE WITH APPROACH IMPROVEMENTS

1a) Please indicate your level of agreement with one bridge option: 5-lane bridge with approach improvements for the replacement of Trans-Canada Highway 1 RW Bruhn Bridge:



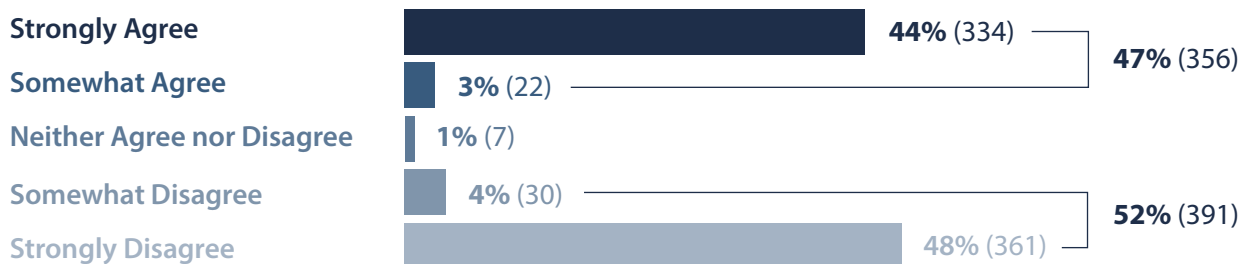
Total Responses = 741

1b) Please provide your reasons for your level of agreement:

KEY THEMES FROM COMMENTS REGARDING LEVEL OF AGREEMENT (410 RESPONSES)	NUMBER OF MENTIONS
Participants provided the following reasons for agreeing with one bridge option: 5-lane bridge with approach improvements:	
Eliminates impacts to Main Street traffic and congestion	61
Reduces impacts to the community, including impacts to downtown walkability, green space, parking availability and property values	60
General support	56
Improves access and addresses capacity, tourism and development needs	42
Only requires one bridge crossing	34
Opposition to Main Street Bridge	31
Reduces environmental, archaeological and marine impacts	29
Comments regarding safety, including that this option provides safe access and is safer than alternatives	27
Improves established infrastructure and ensures that Highway 1 traffic and construction are restricted to one corridor	24
More cost effective, including eliminating potential tax implications for local residents and ensuring that maintenance costs are borne by the Ministry of Transportation and Infrastructure	21
Participants provided the following reasons for disagreeing with one bridge option: 5-lane bridge with approach improvements:	
Safety concerns, including Old Spallumcheen Road and Old Sicamous Road intersection configurations and associated grades, particularly during winter conditions	46
Support for Main Street Bridge	43
Does not provide community connectivity or safe east-west access, including negative impacts to emergency vehicle access and response time	34
Does not support community growth, tourism and local businesses	33
Concerns regarding pedestrian and cyclist safety, including sharing a bridge with trucks and highway traffic	28
Limits access for pedestrians and cyclists, including connectivity to Sicamous-to-Armstrong Rail-Trail	23

TWO BRIDGE OPTION: 4-LANE BRIDGE WITH MAIN STREET BRIDGE AND APPROACH IMPROVEMENTS

2a) Please indicate your level of agreement with two bridge option: 4-lane bridge with Main Street bridge and approach improvements for the replacement of Trans-Canada Highway 1 RW Bruhn Bridge:



Total Responses = 754

2b) Please provide your reasons for your level of agreement:

KEY THEMES FROM COMMENTS REGARDING LEVEL OF AGREEMENT (469 RESPONSES)	NUMBER OF MENTIONS
Participants provided the following reasons for agreeing with two bridge option: 4-lane bridge with Main Street bridge and approach improvements:	
Supports tourism, local businesses, and future development and growth in Sicamous	105
Improves access and community connectivity, including enhanced access to Hyde Mountain, arterial streets, and access for emergency vehicles, and provides a secondary, alternate access route	96
Comments regarding safety, including that this option provides safe access and is safer than alternatives	87
Improves access and connectivity to Sicamous-to-Armstrong Rail-Trail	61
Enhances safety for pedestrians and cyclists	51
General support	29
Separates local traffic and Highway 1 traffic	26
Participants provided the following reasons for disagreeing with two bridge option: 4-lane bridge with Main Street bridge and approach improvements:	
Community impacts, including impacts to safety, walkability, Main Street Landing, parking availability, property values, noise, pollution and community livability	105
Increases traffic downtown, on Main Street and surrounding local roads, including traffic impacts from trucks and construction vehicles	75
General opposition to a Main Street Bridge, as only one crossing is required	48
General opposition	31
Concerns regarding potential tax implications for local residents and ratepayers, including the cost of maintenance	25
Environmental and archaeological impacts	25
Impacts to marine traffic, including channel navigation and the boat launch	25

3. Please provide any additional comments you may have regarding the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project:

KEY THEMES FROM COMMENTS REGARDING LEVEL OF AGREEMENT (242 RESPONSES)	NUMBER OF MENTIONS
Support for the two bridge option, with participants citing the following reasons for support: improves safety and community connectivity, supports the local economy and future development, and enhances pedestrian and cyclist access and safety	71
Opposition to the two bridge option, with participants citing the following reasons for opposition: traffic and community impacts to downtown, including impacts to safety and green space, and that residents have previously indicated that they are not in favour of Main Street bridge	54
Support for one bridge option, with participants citing the following reasons for support: reduces community and traffic impacts, and improves safety and access	37
Participants noted the need for replacement of RW Bruhn Bridge, commenting that the bridge is a safety concern and is not maintained properly, and requested construction begin as soon as possible	27
Concerns regarding the consultation process, including assertions that the ministry or local government are promoting a specific option	15
Safety concerns regarding the current intersection configurations, particularly Old Spallumcheen Road and Highway 1	15
Participants expressed support for the consultation, including the open house materials and project teams' effort, and noted appreciation for the opportunity to provide feedback	14
Participants noted the importance of safety	14
Participants provided detailed intersection configuration and bridge design suggestions	13

3.2. OPEN-ENDED SUBMISSIONS

A total of **30** participants provided additional comments by email regarding the Highway 1 Trans-Canada RW Bruhn Bridge and Approaches Project.

One of the submissions included a petition titled "Say Yes to the Main Street Bridge" with a total of 35 signatures.

Note: in September 2017, The Community for No Bridge on Main Street submitted a petition with approximately 600 signatures expressing opposition to the two bridge option.

Following are the key themes from these submissions. This summary reflects the comments most frequently mentioned by respondents. Themes with a 5% or higher mention rate have been included in the qualitative results.

Note: the number of mentions may exceed the total number of responses received, as respondents may have commented on more than one topic.

KEY THEMES FROM COMMENTS REGARDING LEVEL OF AGREEMENT (30 RESPONSES)	NUMBER OF MENTIONS
Support for the two bridge option, with participants citing the following reasons for support: improves safety and community connectivity, including pedestrian and cyclist access to Sicamous-to-Armstrong Rail-Trail, and supports local businesses and future development	25
Safety concerns regarding the current intersection configurations, particularly Old Spallumcheen Road and Highway 1	6
Support for one bridge option, with participants citing the following reasons for support: reduces community, marine and traffic impacts, and improves safety and access	4
Participants noted the importance of the project, including the need for replacement of the RW Bruhn Bridge	3
Participants encouraged decision-makers to consider all community feedback	2
Participants noted the importance of pedestrian and cyclist connections, including providing suggestions for connections	2
Opposition to Main Street Bridge, with participants citing the following reasons for opposition: traffic impacts to downtown, and impacts to marine traffic and Main Street Landing	2
Participants noted appreciation for the opportunity to provide feedback	2



Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project
Community Engagement

Appendix 1 – Notification Materials

POSTCARD

Public Notice of Open House

Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project

The Ministry of Transportation and Infrastructure invites the public to attend an open house to review plans for the future four-laning of Highway 1 in Sicamous, including the replacement of the RW Bruhn Bridge.

The feedback received from this open house will help inform the ministry as it moves forward to select an improvement option.

Ministry staff will be on hand to provide information and answer questions.

The drop-in open house is scheduled for the following date:

THURSDAY, FEBRUARY 1, 2018

3:00 p.m. to 7:00 p.m.

Sicamous and District Recreation Centre
1121 Eagle Pass Way, Sicamous, B.C.

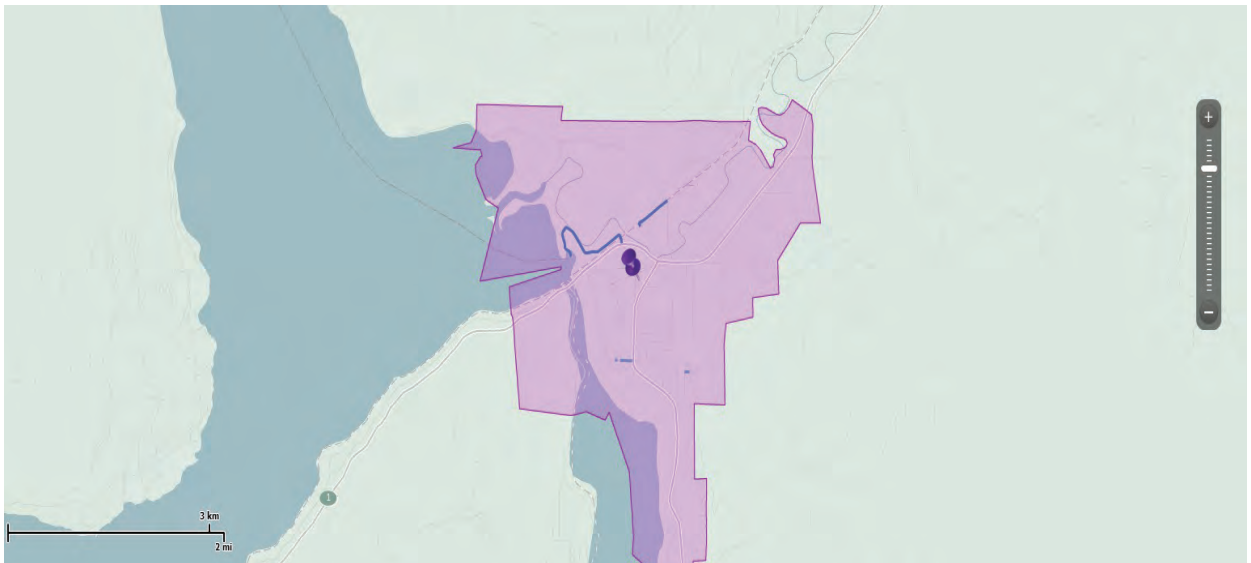
Anyone unable to attend may view the display board materials and provide feedback at gov.bc.ca/bchwy1-projects.

The materials will be posted February 1.

For more information, please contact:
Project Manager Jennifer Stites by telephone at 778 257-7178 or by email at rwbruhnbridge@gov.bc.ca



POSTCARD DISTRIBUTION AREA





INFORMATION BULLETIN

For Immediate Release
2018TRAN0010-000070
Jan. 22, 2018

Ministry of Transportation and Infrastructure

Open house scheduled for Highway 1 Bruhn Bridge project

SICAMOUS – The Ministry of Transportation and Infrastructure is inviting the public to provide input at an upcoming open house, which will play an important role in the ministry’s plan to improve safety and traffic flow through Sicamous.

Ministry staff will be on hand to answer questions and review plans for the replacement of the RW Bruhn Bridge and four-laning of Highway 1 between Old Sicamous Road and Silver Sands Road. The feedback received at the open house will help inform the ministry as it moves forward to select the best improvement option for the RW Bruhn Bridge replacement.

The media and public are welcome to attend the open house scheduled for:

Date: Thursday, Feb. 1, 2018

Time: 3–7 p.m.

Location:

Sicamous and District Recreation Centre

1121 Eagle Pass Way

Sicamous

If you are unable to attend but still want to provide feedback, all open house materials will be posted on Feb. 1 at: www.gov.bc.ca/bchwy1-bruhn

Learn More:

For additional Ministry of Transportation and Infrastructure engagement opportunities go to: <http://engage.gov.bc.ca/govtogetherbc/consultation/bruhn-bridge-replacement-project-2/>

To see more about the Kamloops to Alberta Border Four-Laning Program, go to: www.gov.bc.ca/bchwy1-projects

Contact:

Media Relations

Government Communications and Public

Engagement

Ministry of Transportation and Infrastructure

250 356-8241

Public Notice of Open House RW Bruhn Bridge Replacement

The Ministry of Transportation and Infrastructure invites the public to attend an open house to review plans for the future four-laning of Highway 1 in Sicamous, including the replacement of the RW Bruhn Bridge.

The feedback received at this open house will help inform the ministry as it moves forward to select an improvement option.

Ministry staff will be on hand to provide information and answer questions.

The drop-in open house is scheduled for the following date:

**Thursday, February 1, 2018
3:00 p.m. to 7:00 p.m.
Sicamous and District Recreation Centre
1121 Eagle Pass Way, Sicamous, B.C.**

Anyone unable to attend may view the display board materials and provide feedback at www.gov.bc.ca/bchwy1-projects

The materials will be posted February 1.

**For more information, please contact
Project Manager Jennifer Stites
by telephone at 778 257-7178
or by email at rwbruhnbridge@gov.bc.ca**



Public Notice of Open House

RW Bruhn Bridge Replacement

The Ministry of Transportation and Infrastructure invites the public to attend an open house to review plans for the future four-laning of Highway 1 in Sicamous, including the replacement of the RW Bruhn Bridge.

The feedback received from this open house will help inform the ministry as it moves forward to select an improvement option.

Ministry staff will be on hand to provide information and answer questions.

The drop-in open house is scheduled for the following date:

Thursday, February 1, 2018
3:00 p.m. to 7:00 p.m.
Sicamous and District Recreation Centre
1121 Eagle Pass Way, Sicamous, B.C.

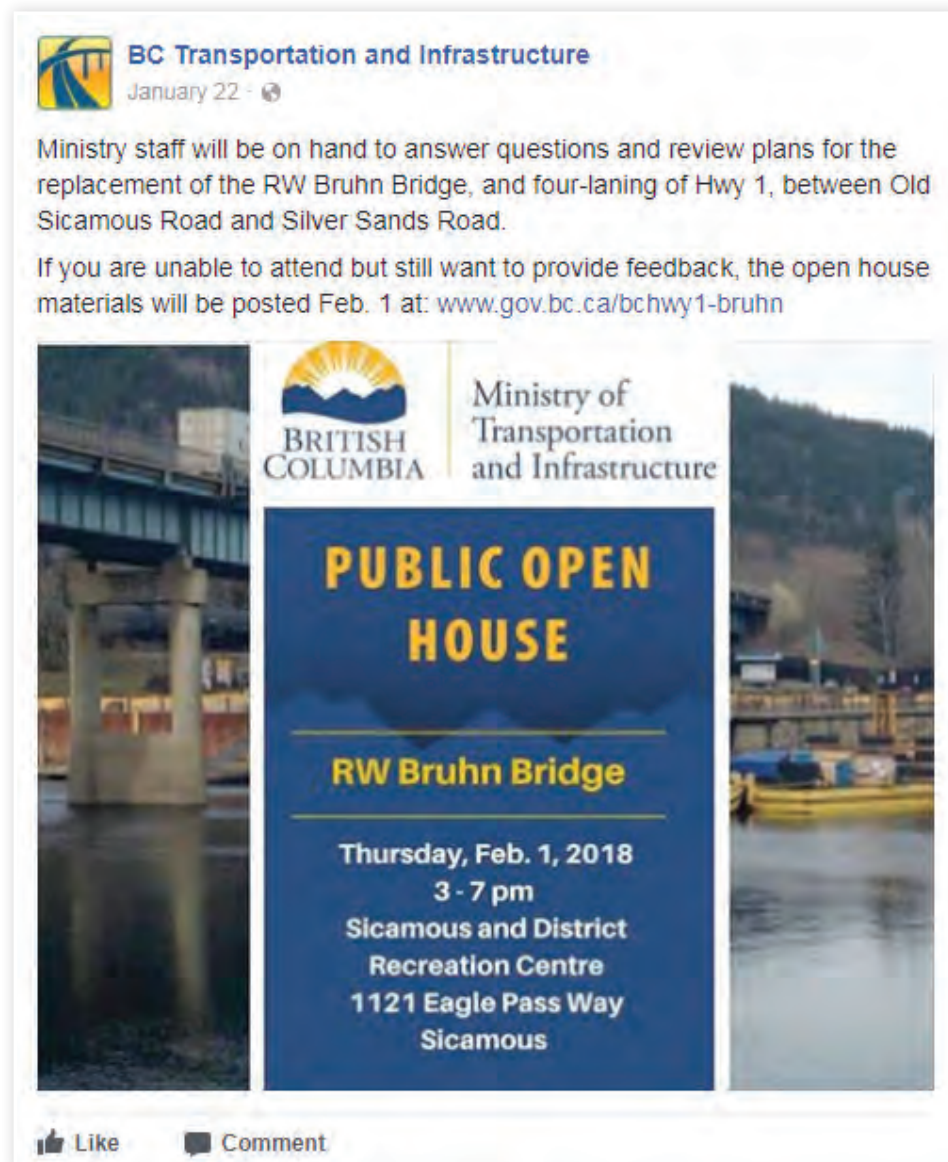
Anyone unable to attend may view the display board materials and provide feedback at www.gov.bc.ca/bchwy1-projects

The materials will be posted February 1.

For more information, please contact
Project Manager Jennifer Stites
by telephone at 778 257-7178
or by email at rwbruhnbridge@gov.bc.ca




SOCIAL MEDIA – FACEBOOK




BC Transportation and Infrastructure
January 22 · 🌐

Ministry staff will be on hand to answer questions and review plans for the replacement of the RW Bruhn Bridge, and four-laning of Hwy 1, between Old Sicamous Road and Silver Sands Road.

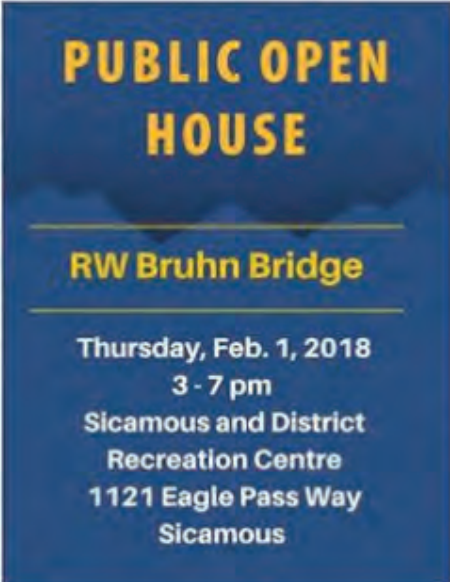
If you are unable to attend but still want to provide feedback, the open house materials will be posted Feb. 1 at: www.gov.bc.ca/bchwy1-bruhn



BRITISH COLUMBIA



Ministry of Transportation and Infrastructure



PUBLIC OPEN HOUSE

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 - 7 pm
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous

👍 Like 💬 Comment

SOCIAL MEDIA – TWITTER

 **BC Transportation** @TranBC · Feb 1
Today: #BCHwy1 Bruhn Bridge replacement and 4-laning public open house 3-7pm bit.ly/2DADaux #Sicamous

 **BC Transportation** @TranBC · Jan 30
You're invited: #BCHwy1 Bruhn Bridge project open house on Feb 1, 3-7pm. More details: bit.ly/2DADaux #Sicamous



BRITISH COLUMBIA Ministry of Transportation and Infrastructure

PUBLIC OPEN HOUSE

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 - 7 pm
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous

 **BC Transportation** @TranBC · Jan 25
You're invited: #BCHwy1 Bruhn Bridge project open house on Feb 1, 3-7pm. More details: bit.ly/2DADaux #Sicamous



BRITISH COLUMBIA Ministry of Transportation and Infrastructure

PUBLIC OPEN HOUSE

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 - 7 pm
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous

 **BC Transportation** @TranBC · Jan 22
You're invited: #BCHwy1 Bruhn Bridge project open house on Feb 1, 3-7pm. More details: bit.ly/2DADaux #Sicamous



BRITISH COLUMBIA Ministry of Transportation and Infrastructure

PUBLIC OPEN HOUSE

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 - 7 pm
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous

 **BC Transportation** @TranBC · Jan 22
Come and learn about the #BCHwy1 Bruhn Bridge project at an open house on Feb 1 bit.ly/2DADaux #Sicamous



BRITISH COLUMBIA Ministry of Transportation and Infrastructure

PUBLIC OPEN HOUSE

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 - 7 pm
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous



Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project
Community Engagement

**Appendix 2 – Feedback Form and
Display Boards**

Feedback Form

Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project Community Engagement February 1-18, 2018

Please provide your input on the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project.

We want to hear from you

You can provide us with your feedback by:

- ✓ Completing the feedback form and leaving it with a member of our team
- ✓ Filling out the feedback form online at: gov.bc.ca/bchwy1-bruhn
- ✓ Sending an email to: rwbruhnbridge@gov.bc.ca
- ✓ Mailing your completed form or written feedback to: **Ministry of Transportation and Infrastructure, ATTN: RW Bruhn Bridge and Approaches Project, 447 Columbia Street, Kamloops BC, V2C 2T3**

Please provide us with your feedback by February 18, 2018.

How feedback will be considered

Community feedback will be considered, along with technical, environmental and financial information, and feedback from local government, First Nations and the Project Liaison Committee, in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge.



Personal information is collected by the Ministry of Transportation and Infrastructure under sections 26 (c) and (e) of the Freedom of Information and Protection of Privacy Act and for the purposes of soliciting the public's feedback on the Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project. To protect your own privacy and the privacy of others, please do not include any personal information including phone numbers and e-mail addresses in the body of your comments.

Should you have any questions about the collection of this information, please contact: Jennifer Stites, Project Manager, RW Bruhn Bridge and Approaches Project, 447 Columbia Street, Kamloops BC, V2C 2T3. Phone: 778-257-7178.

One Bridge Option: 5-Lane Bridge with Approach Improvements

1a) Please indicate your level of agreement with **one bridge option: 5-lane bridge with approach improvements** for the replacement of Trans-Canada Highway 1 RW Bruhn Bridge:

Strongly Agree	Somewhat Agree	Neither Agree nor Disagree	Somewhat Disagree	Strongly Disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1b) Please provide reasons for your level of agreement:

Please do not include any personally identifiable information about yourself or others in your responses.

Two Bridge Option: 4-Lane Bridge with Main Street Bridge and Approach Improvements

2a) Please indicate your level of agreement with **two bridge option: 4-lane bridge with Main Street bridge and approach improvements** for the replacement of Trans-Canada Highway 1 RW Bruhn Bridge:

Strongly Agree	Somewhat Agree	Neither Agree nor Disagree	Somewhat Disagree	Strongly Disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2b) Please provide reasons for your level of agreement:

Please do not include any personally identifiable information about yourself or others in your responses.



Welcome

Thank you for attending

Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project
Community Engagement February 1-18, 2018

Please provide us
with your feedback by
February 18, 2018.

We want to hear from you

You can provide us with your feedback by:

- ✓ Completing the feedback form and leaving it with a member of our team
- ✓ Filling out the feedback form online at: gov.bc.ca/bchwy1-bruhn
- ✓ Sending an email to: rwbruhnbridge@gov.bc.ca
- ✓ Mailing your completed form or written feedback to:
Ministry of Transportation and Infrastructure,
ATTN: RW Bruhn Bridge and Approaches Project,
447 Columbia Street, Kamloops BC, V2C 2T3

How feedback will be considered

Community feedback will be considered, along with engineering, environmental and financial information, and feedback from local government, First Nations and the Project Liaison Committee, in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge.



RW Bruhn Bridge and Approaches Project

The Trans-Canada Highway 1 RW Bruhn Bridge and Approaches Project involves four-laning approximately 1.9 km of Highway 1 in Sicamous, including replacement of the RW Bruhn Bridge. The project extends approximately 2.5 km between Old Sicamous Road and Silver Sands Road, and includes intersection improvements at Old Sicamous Road, Old Spallumcheen Road, Gill Avenue and Silver Sands Road.

Built in 1962, RW Bruhn Bridge is a two-lane bridge connecting communities along Highway 1. It also provides an important local link for District of Sicamous residents and visitors to access businesses and services.

Importance of Trans-Canada Highway 1

The growth of our economy and our communities relies on a strong transportation network. Trans-Canada Highway 1 is the primary east-west connection through B.C. It links communities and is a vital route for travel, tourism and trade:

- › Up to 12,000 vehicles per day use the corridor, 15% of which are heavy trucks
- › With expanding markets for B.C. goods, particularly in Asia, Trans-Canada Highway 1 is an important trade route, carrying \$24 – \$32 billion in goods annually through the corridor

Project Objectives

- › Improve safety and traffic flow along the Trans-Canada Highway 1 corridor
- › Replace the aging RW Bruhn Bridge
- › Improve safety of local road connections at the Trans-Canada Highway 1
- › Enhance safety for pedestrians and cyclists along the Trans-Canada Highway 1 corridor



What's new?

At the public open house in November 2016 we presented three improvement options.

As a result of technical work, input from local government and First Nations, and feedback from the public, two options continue to be under evaluation in the preliminary design phase:

- › **One bridge option:**
5-lane bridge with approach improvements (\$215 million)
- › **Two bridge option:**
4-lane bridge with Main Street bridge and approach improvements (\$215 million)

The 6-lane bridge option was not advanced, based on the following considerations:

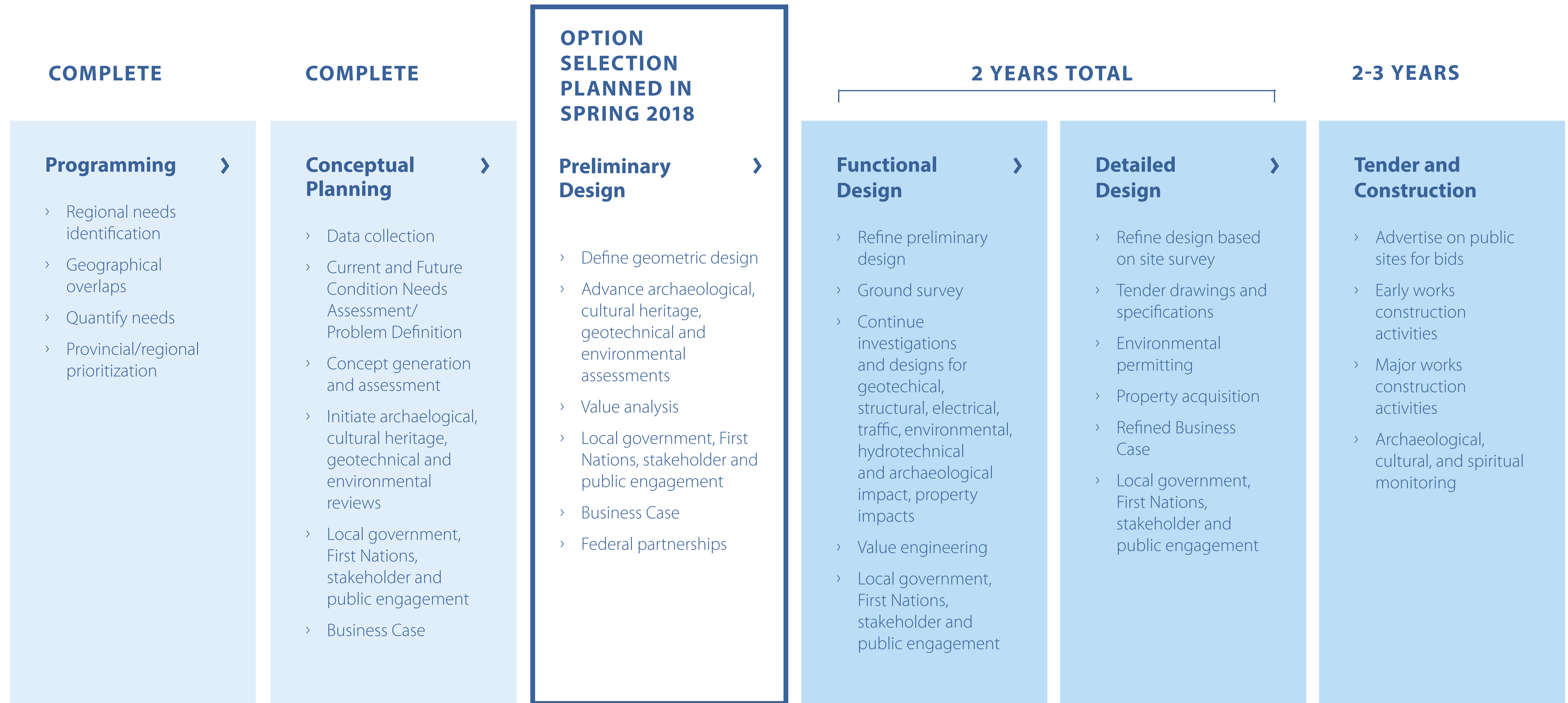
- › Driver confusion and safety issues related to headlight glare because of proximity of frontage road to the highway
- › Challenging construction and traffic management during construction, resulting in an extended construction period
- › Local government, First Nations and public feedback
- › Conceptual estimate indicated at least \$5 million higher in construction costs as compared to remaining options

Where are we now?

- › The Ministry of Transportation and Infrastructure is advancing preliminary design for the one bridge and two bridge options
- › Environmental and archaeological investigations are underway, including a Traditional Environmental Overview Assessment and Archaeological Impact Assessment
- › The ministry is preparing a federal funding submission for cost sharing



Project timeline



Why is the project needed?

Improving safety

- › Collision rates at the bridge and adjacent intersections (Old Sicamous Road, Old Spallumcheen Road and Gill Avenue) are higher than the provincial average.
- › Of the four intersections within this section of Highway 1, Old Spallumcheen Road has the highest number of recorded collisions.

Aging Infrastructure

- › The ministry carries out regular maintenance to keep the bridge in good operating condition until a new bridge is built. This includes regular inspections, surface maintenance, and repairs to bridge components as needed. But the bridge is over 50 years old and, while it is safe for users, the infrastructure is aging and the time has come for its replacement.
- › Major bridge rehabilitation has been considered, but it has been determined that bridge replacement is necessary given the condition and constraints of the aging structure and the significant risk associated with its rehabilitation.

Improving traffic flow

- › Traffic volumes are continuing to grow along the corridor serviced by the bridge, and improvements are needed to ensure that people and goods continue to move safely and efficiently.
- › Additional traffic generation from Old Spallumcheen Road will depend on phasing of development. Conservative development forecasts along Old Spallumcheen Road project an increase in peak traffic volumes from 50 to 550 vehicles per hour over the next 25 years.
- › Improvements are needed for pedestrians and cyclists, and to improve access to local roads, and support growth within the District of Sicamous.

Existing conditions (2015 am/pm peak hour traffic volumes)

OLD SPALLUMCHEEN ROAD AM PEAK (PM PEAK)



GILL AVENUE AM PEAK (PM PEAK)



SILVER SANDS ROAD AM PEAK (PM PEAK)



Public, local government and First Nations engagement

Since fall 2014, meetings have been held with the public, stakeholders, local government and First Nations, including Project Liaison Committee meetings, and First Nations Technical Working Group meetings, to get input on project options and local community needs.

NOVEMBER 15, 2016 Ministry of Transportation and Infrastructure Public Open House

- › **266** people attended a public open house held on November 15, 2016
- › **314** online and hard copy feedback forms collected between November 15, 2016 and January 16, 2017
- › 5-lane bridge had highest level of agreement (**65%**), followed by the 6-lane bridge (**35%**), and 4-lane bridge with Main Street bridge (**32%**)

FEBRUARY 21, 2017 District of Sicamous Town Hall Meeting

- › Attended by approximately **300** residents
- Key interests identified:**
- › Interconnectivity and construction impacts to future “Rails to Trails” corridor
 - › Design and footprint of Main Street bridge
 - › Local taxpayer implications of Main Street bridge
 - › Structure of a Project Agreement

APRIL 2017 Sicamous & District Chamber of Commerce, District of Sicamous and WorkBC Labour Mobility Action Team Business Survey

- › 4-lane bridge with Main Street bridge had highest level of agreement (**25**), followed by the 5-lane bridge (**3**)

SEPTEMBER 2017 The Community for No Bridge on Main Street Petition

- › Approximately **600** signatures
- Key interests identified:**
- › Local taxpayer implications of Main Street bridge
 - › Impacts as a result of Main Street bridge, including safety, traffic, environmental, access and vessel navigability
 - › Noise, aesthetics, and impacts to the existing park at Main Street Landing

Project Liaison Committee

A Project Liaison Committee was established in 2014 to obtain technical feedback from staff from First Nations, local governments, municipalities and utilities located adjacent to the highway corridor. Three Project Liaison Committee meetings were held in fall 2014/spring 2015.

The committee was re-established in fall 2017, with the addition of representation from local business stakeholders, residents and the local marine community.

Feedback from the Project Liaison Committee will be considered in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge.

First Nations Consultation

The Ministry of Transportation and Infrastructure is committed to ongoing engagement with the following First Nations: Splatshin, Adams Lake Indian Band, Little Shuswap Lake Indian Band, Neskonlith Indian Band, Shuswap Indian Band, and Okanagan Indian Band.

The ministry and First Nations meet regularly to discuss the project, including archaeological investigations, cultural heritage, environmental, and any other considerations for the project.

Feedback from First Nations will be considered in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge.

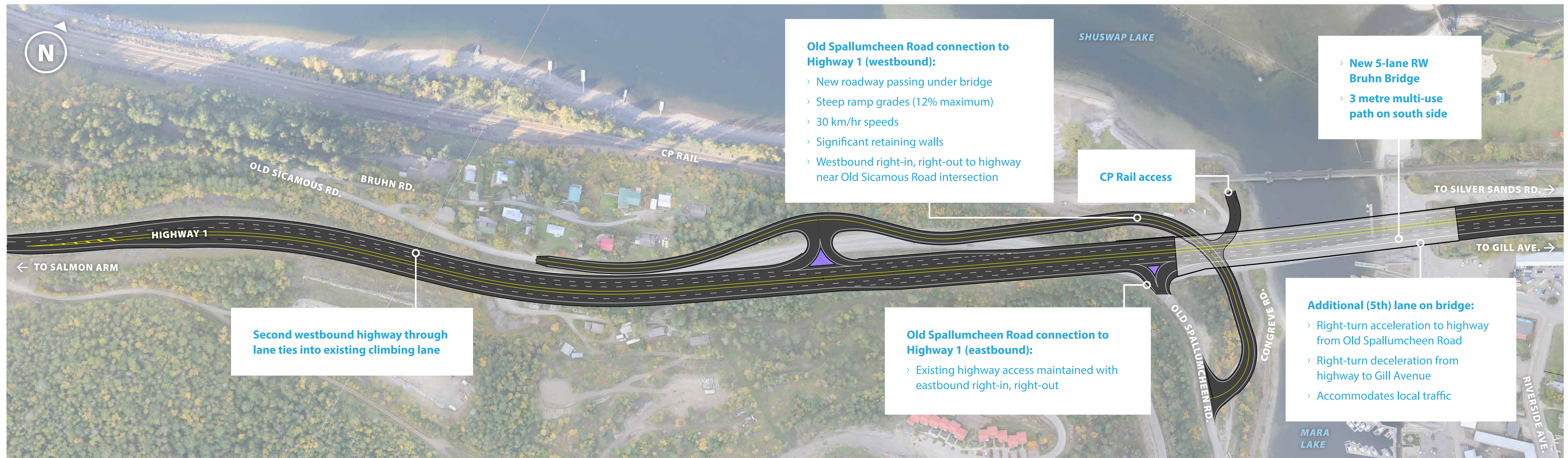


One bridge option: 5-lane bridge with approach improvements

What do you think of this option?

Tell us online at gov.bc.ca/bchwy1-bruhn, or ask a project team member for a feedback form.

Scan this code with your mobile to access the project page



Old Spallumcheen Road connection to Highway 1 (westbound):

- > New roadway passing under bridge
- > Steep ramp grades (12% maximum)
- > 30 km/hr speeds
- > Significant retaining walls
- > Westbound right-in, right-out to highway near Old Sicamous Road intersection

New 5-lane RW Bruhn Bridge

- > 3 metre multi-use path on south side

CP Rail access

Second westbound highway through lane ties into existing climbing lane

Old Spallumcheen Road connection to Highway 1 (eastbound):

- > Existing highway access maintained with eastbound right-in, right-out

Additional (5th) lane on bridge:

- > Right-turn acceleration to highway from Old Spallumcheen Road
- > Right-turn deceleration from highway to Gill Avenue
- > Accommodates local traffic



One bridge option: 5-lane bridge with approach improvements



Preliminary artist's renderings. Subject to change.



Two bridge option: 4-lane bridge with Main Street bridge and approach improvements

Option A: Highway 1/Old Sicamous Road intersection is maintained

What do you think of this option?

Tell us online at gov.bc.ca/bchwy1-bruhn, or ask a project team member for a feedback form.

Scan this code with your mobile to access the project page



Two bridge option: 4-lane bridge with Main Street bridge and approach improvements

Option A: Highway 1/Old Sicamous Road intersection is maintained



Preliminary artist's renderings. Subject to change.



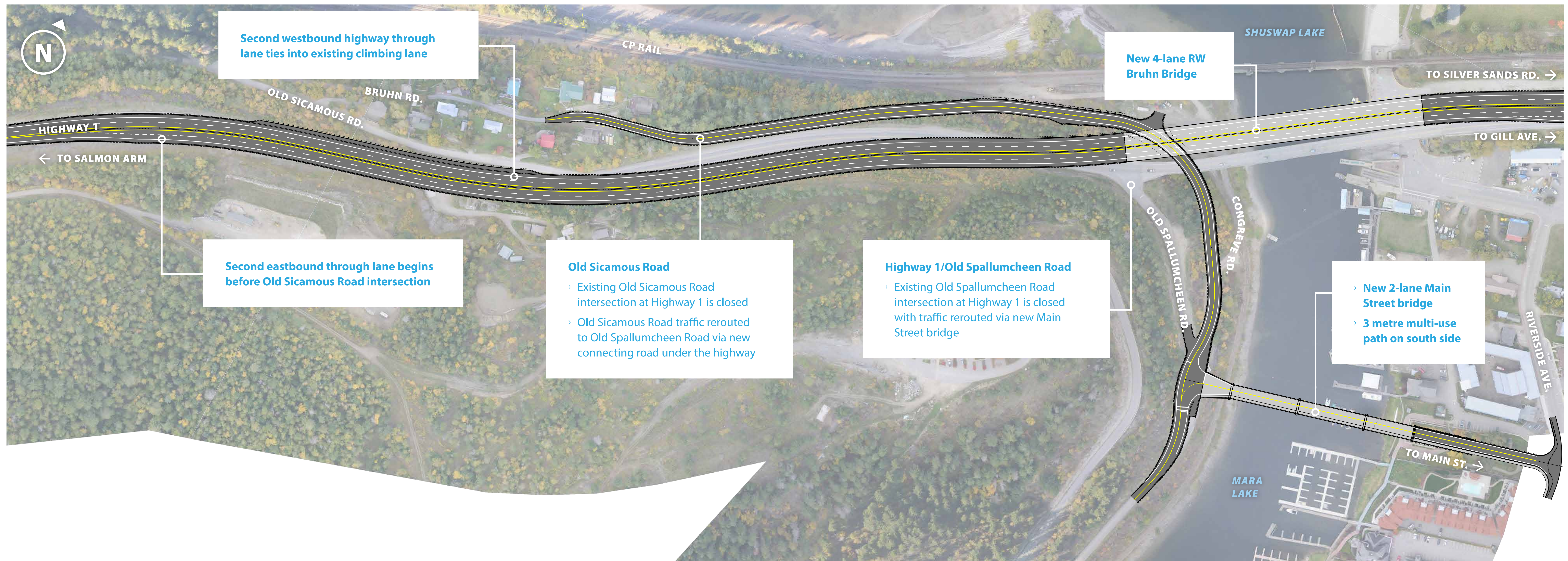
Two bridge option: 4-lane bridge with Main Street bridge and approach improvements

Option B: Highway 1/Old Sicamous Road intersection is closed

What do you think of this option?

Tell us online at gov.bc.ca/bchwy1-bruhn, or ask a project team member for a feedback form.

Scan this code with your mobile to access the project page



Two bridge option: 4-lane bridge with Main Street bridge and approach improvements

Option B: Highway 1/Old Sicamous Road intersection is closed



Overview



Old Sicamous Road



Old Spallumcheen Road intersection

Preliminary artist's renderings. Subject to change.



East side intersection improvements: one bridge and two bridge options



Main Street bridge east approach



Preliminary artist's rendering based on conceptual bridge design. Subject to change.



Advantages and disadvantages

One bridge option: 5-lane bridge with approach improvements

Advantages

- › Improves intersection safety; acceleration and deceleration lanes are provided at Old Spallumcheen Road
- › Supports future development along Old Spallumcheen Road, given that development restrictions exist until highway access is improved
- › Improves westbound highway travel time for local traffic traveling from Old Spallumcheen Road, as compared to 4-lane bridge option
- › Requires one bridge crossing
- › Enhances local connectivity between the east and west sides of Sicamous, including cyclist and pedestrian access on south side of bridge
- › Smaller environmental footprint
- › Requires less consultation and approval from Transport Canada than two bridge option

Disadvantages

- › Slightly lower overall safety benefit as compared to 4-lane bridge option which closes existing Highway 1/Old Spallumcheen Road intersection
- › Increased traffic delays during construction as compared to the 4-lane bridge option, given extended construction period
- › New connecting road under the highway will require construction of significant retaining walls and steep ramp grades (maximum 12% grade)



Advantages and disadvantages

Two bridge option: 4-lane bridge with Main Street bridge and approach improvements

Advantages

- › Higher safety benefit than the 5-lane bridge option given full closure of Highway 1 and Old Spallumcheen Road intersection
- › Decreased traffic delays during construction as compared to the 5-lane bridge option, given reduced construction period
- › Option for local government ownership of Main Street bridge asset if desired, but not required
- › Enhances local connectivity between the east and west sides of Sicamous, including improvements to current cyclist and pedestrian networks on south side of Main Street bridge

Disadvantages

- › Increases westbound travel times for local traffic traveling from Old Spallumcheen Road, as compared to 5-lane bridge option
- › Larger environmental footprint because of second bridge
- › Requires more consultation and approval from Transport Canada, due to second bridge
- › Construction activity required in the vicinity of Main Street Landing
- › Increases traffic on Main Street
- › Heightened archaeological risk given larger environmental footprint



Next steps



We anticipate that the project would proceed to construction as early as 2020

We want to hear from you

You can provide us with your feedback by:

- ✓ Completing the feedback form and leaving it with a member of our team
- ✓ Filling out the feedback form online at: gov.bc.ca/bchwy1-bruhn
- ✓ Sending an email to: rwbruhnbridge@gov.bc.ca
- ✓ Mailing your completed form or written feedback to:
Ministry of Transportation and Infrastructure,
ATTN: RW Bruhn Bridge and Approaches Project,
447 Columbia Street, Kamloops BC, V2C 2T3

Please provide us with your feedback by February 18, 2018.

How feedback will be considered

Community feedback will be considered, along with engineering, environmental and financial information, and feedback from local government, First Nations and the Project Liaison Committee, in selecting a preferred design option for the replacement of the Trans-Canada Highway 1 RW Bruhn Bridge.



Notification

**Public Notice of Open House
RW Bruhn Bridge Replacement**

The Ministry of Transportation and Infrastructure invites the public to attend an open house to review plans for the future four-laning of Highway 1 in Sicamous, including the replacement of the RW Bruhn Bridge.

The feedback received at this open house will help inform the ministry as it moves forward to select an improvement option.

Ministry staff will be on hand to provide information and answer questions.

The drop-in open house is scheduled for the following date:

**Thursday, February 1, 2018
3:00 p.m. to 7:00 p.m.**
Sicamous and District Recreation Centre
1121 Eagle Pass Way, Sicamous, B.C.

Anyone unable to attend may view the display board materials and provide feedback at www.gov.bc.ca/bchwy1-projects

The materials will be posted February 1.

**For more information, please contact
Project Manager Jennifer Stites
by telephone at 778 257-7178
or by email at rwbruhnbridge@gov.bc.ca**



Newspaper Ad

Sicamous Eagle Valley News
Wednesday, January 17, 24, 31

**Public Notice of Open House
Trans-Canada Highway 1 RW Bruhn Bridge
and Approaches Project**

The Ministry of Transportation and Infrastructure invites the public to attend an open house to review plans for the future four-laning of Highway 1 in Sicamous, including the replacement of the RW Bruhn Bridge.

The feedback received from this open house will help inform the ministry as it moves forward to select an improvement option.

Ministry staff will be on hand to provide information and answer questions.


The drop-in open house is scheduled for the following date:

**THURSDAY, FEBRUARY 1, 2018
3:00 p.m. to 7:00 p.m.**
Sicamous and District Recreation Centre
1121 Eagle Pass Way, Sicamous, B.C.

Anyone unable to attend may view the display board materials and provide feedback at www.gov.bc.ca/bchwy1-projects

The materials will be posted February 1.

**For more information, please contact:
Project Manager Jennifer Stites by telephone at
778 257-7178 or by email at rwbruhnbridge@gov.bc.ca**



Postcard

Delivered to approximately
1,200 addresses in Sicamous

**Public Notice of Open House
RW Bruhn Bridge Replacement**

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Flyer

Distributed to Project Liaison
Committee members and local
strata management companies

 **INFORMATION BULLETIN**
Ministry of Transportation and Infrastructure

For Immediate Release
2018TRAN0010-000070
Jan. 22, 2018

Open house scheduled for Highway 1 Bruhn Bridge project

SICAMOUS – The Ministry of Transportation and Infrastructure is inviting the public to provide input at an upcoming open house, which will play an important role in the ministry's plan to improve safety and traffic flow through Sicamous.

Ministry staff will be on hand to answer questions and review plans for the replacement of the RW Bruhn Bridge and four-laning of Highway 1 between Old Sicamous Road and Silver Sands Road. The feedback received at the open house will help inform the ministry as it moves forward to select the best improvement option for the RW Bruhn Bridge replacement.

The media and public are welcome to attend the open house scheduled for:

Date: Thursday, Feb. 1, 2018
Time: 3–7 p.m.
Location:
Sicamous and District Recreation Centre
1121 Eagle Pass Way
Sicamous

If you are unable to attend but still want to provide feedback, all open house materials will be posted on Feb. 1 at: www.gov.bc.ca/bchwy1-projects

Learn More:

For additional Ministry of Transportation and Infrastructure engagement opportunities go to: <http://engage.gov.bc.ca/govtogetherbc/consultation/bruhn-bridge-replacement-project-2/>

To see more about the Kamloops to Alberta Border Four-Laning Program, go to: www.gov.bc.ca/bchwy1-projects

Contact:
Media Relations
Government Communications and Public
Engagement
Ministry of Transportation and Infrastructure
250 356-8241

News release

Released Monday, January 22

 Ministry of
Transportation
and Infrastructure

**PUBLIC OPEN
HOUSE**

RW Bruhn Bridge

Thursday, Feb. 1, 2018
3 – 7 pm
Sicamous and District
Recreation Centre
1121 Eagle Pass Way
Sicamous



Social media

Posted to BC Transportation's
Twitter and Facebook page



Kirk&Co.



Please recycle if printed.