

REGIONAL DISTRICT OF BULKLEY-NECHAKO

REGIONAL TRANSIT COMMITTEE AGENDA

THURSDAY, NOVEMBER 3, 2016 1:00 P.M. Regional District of Bulkley-Nechako Boardroom

PAGE NO.		ACTION
	AGENDA – November 3, 2016	Approve
	Supplementary Agenda	Receive
	MINUTES	
3-7	Regional Transit Committee Meeting Minutes – October 22, 2016	Receive
	REPORTS	
8-37	BC Transit RE: Highway 16 Inter- Community Transit DRAFT Revised Service Options Public Consultation	Direction
38-69	BC Transit – Updated - Detailed Route and Stop Locations (October 24, 2016)	Discussion/ Direction
70 -7 2	"Draft" Terms of Reference for the Bulkley-Nechako Regional Transit Service Committee	Receive
	SUPPLEMENTARY AGENDA	

NEW BUSINESS

SPECIAL IN-CAMERA MEETING

In accordance with Section 90 of the Community Charter, it is the opinion of the Board of Directors that matters pertaining to Section 90 (1)(k) the negotiations and related discussions respecting the proposed provision of a municipal service that are at their preliminary stages and that, in the view of the council, could reasonably be expected to harm the interests of the municipality if they were held public (Highway 16 Transit Cost Apportionment) or information received relating to these matters must be closed to the public therefore exercise their option of excluding the public for this meeting.

ADJOURNMENT

REGIONAL DISTRICT OF BULKLEY-NECHAKO

REGIONAL TRANSIT COMMITTEE (Committee of the Whole)

Thursday, October 22, 2016

PRESENT:	Chair	Bill Miller	
	Directors	Taylor Bachrach Eileen Benedict Shane Brienen Mark Fisher Tom Greenaway John Illes Dwayne Lindstrom Thomas Liversidge Rob MacDougall Rob Newell Mark Parker Jerry Petersen Darcy Repen Gerry Thiessen	
	Staff	Melany de Weerdt, Chief Admin Cheryl Anderson, Manager of A Roxanne Shepherd, Chief Finar Wendy Wainwright, Executive A	dministrative Services ncial Officer
	Others	Teleconference – 1:45 p.m. – 1 Chris Fudge, Senior Regional T teleconference Linda Harmon, Transit Crown A Transportation and Infrastructur Ian Wells, General Manager, PI George – via Teleconference	ransit Manager, BC Transit – via Igency Programs, Ministry of
	Media:	Flavio Nienow, LD News	
CALL TO OR	DER	Chair Miller called the meeting t	to order at 1:00 p.m.
<u>AGENDA &</u> Supplemen	TARY AGENDA	Moved by Director Petersen Seconded by Director MacDoug	gall
<u>RTC.2016-2-1</u>		"That the agenda of the Octobe Meeting be approved; and furth received."	r 22, 2016 Regional Transit Committee er, that the Supplementary Agenda be
		(All/Directors/Majority)	CARRIED UNANIMOUSLY

Regional Transit Committee October 20, 2016 Page 2 of 5

MINUTES

Regional Transit Committee Minutes – October 6, 2016	Moved by D Seconded b			ay
RTC.2016-2-2	"That the Re received."	egional T	ransit Com	mittee minutes of October 6, 2016 be
	(All/Directors	/Majority)		CARRIED UNANIMOUSLY
REPORTS				
Reports	Moved by D Seconded b			gall
<u>RTC.2016-2-3</u>	-BC Transit -BC Transit	- Public (- Highwa	Consultatio ly 16 Engag	mittee receive the following reports: n Report." gement Report." Route and Stop Locations."
	SUPPLEME	NTARY	AGENDA	
	CORRESPO	DNDENC	: <u>E:</u>	
				nool Parent Advisory Council RE: ed Route Burns Lake."
	(All/Directors/	(Majority)		CARRIED UNANIMOUSLY
	and Stop Lo Transit to co Detailed Ro 1. 2. 3.	Smithers a. I Burns La b, S Houston a. I Houston a. I I Houston a. I I I Houston	The Regio ne following Stop Location ake: Remove the Elementary i. The cor Stop Location between the i. Con Stop Location tran Rai Stop Location tran Rai Stop Location tran Rai Stop Location tran Consider in Highway 16 Consider in i. Tyh	e stop located at William Konkin School (WKE) in Burns Lake: e current WKE parking lot congestion is a neern; on in Burns Lake on Highway 16 e RV Parking lot and Process 4 Gallery: nsider relocating the stop to Gilgan enue to provide a stop location with a nsit shelter for both BC Transit and Via il; to include a stop at the Bulkley Valley spital; cluding a bus stop at Buckflats Road and

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REPORTS (CONT'D)

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The need for further community consultation in regard to the route and stop locations was discussed. Chair Miller spoke to services being shared such as Via Rail and BC Transit to have a sustainable service for the region for the future. He also mentioned the need for the plan to be fluid to allow for the development of the best long term plan.

Tanya Wegwitz, Manager of Planning, BC Transit stated that BC Transit would be willing to meet with communities in order to have further discussions in regard to bus routing and stops or any other topics that may need further discussion or clarification. She mentioned that BC Transit was the lead agency in regard to public consultation and Ministry of Transportation and Infrastructure (MoTI) completed local government consultation. BC Transit and MoTI reviewed the information obtained to develop and provide a "draft" Detailed Route and Stop Locations document.

Ms. Wegwitz provided a brief summary in regard to the decisions made regarding the route and stop locations. She indicated that a walking distance of 400 metres in urban areas is the walking limit utilized to assist in determining stops. In developing the Highway 16 Inter-Community Transit system the intent is to have a transit system that will flourish and evolve over time to be a long term service.

The following considerations were discussed: Burns Lake:

- Potential to be a starting point for a hub;
- Feasibility study identified locations and logical locations for stops;
- Burns Lake being located on a hill on some level a bus loop through the upper avenues may provide an opportunity for residents to be transported up and down the hill;
- A stop location at the Lakes District Hospital and Health Centre allows a warm place for a drop off/pickup location;
- There is a possibility to move the stop away from WKE school considering one of the pickup times is 8:30 a.m. three days a week and may add to the congestion at the school;
- BC Transit and MoTI has explored the option to have the Burns Lake stop between the RV parking lot and Process 4 Gallery moved to try and include Via Rail but at the time the location did not appear to be the best solution – could potentially be revisited;

Smithers:

- It is possible to identify the Bulkley Valley District Hospital as a stop location;
- It may also be possible to include additional door to door drop off and pickup locations;

Houston:

 Buckflats Road and Highway 16 was not initially included due to the lack of a safe on and off location on Highway 16 for the bus – Ms.
 Wegwitz has made note of the ask and while BC Transit Staff are completing a detailed assessment of the stops they will review the possibility;

REPORTS (CONT'D)

Telkwa

 Tyhee Lake and Highway 16 and the Seniors Development were reviewed as possible locations and could potentially be included in the expansion of the Smithers Transit System.

Concerns were discussed in regard to the ability to protect riders on longer distance trips from losing their spot on the bus to riders that are using the bus for a short distance. For example: a rider takes the bus from Burns Lake to Prince George and when they board for the return home to Burns Lake their seat has been filled by a rider that will be getting off in the College Heights area of Prince George. BC Transit has considered the possibility of this occurring and the \$5 ridership fee may help to mitigate the issue. The busses will not have standing options. Discussion took place in regard to using destination signage on the busses that will have a different style then the intra-city busses to identify the long distance buses.

Moving Forward:

- As discussed by MoTI/BC Transit/RDBN a Regional Transit Coordinator will be hired to provide:
 - Interface with First Nations;
 - Collect feedback;
 - o Follow-up;
 - o Finalize dialogue;
 - o Funding model;
 - Feedback to BC Transit/MoTI to move forward.
- Next MOU: Implementation MOU between BC Transit and Regional Transit Members:
 - Implementation MOU will provide the exact details of the service;
 - Schedules;
 - Fares;
 - Etc.
- Service Option document will be provided to partners;
- Which will lead to the signing of the Implementation MOU.

Ms. Wegwitz also mentioned that BC Transit is willing to meet with District of Vanderhoof if they so choose.

The next Regional Transit Committee meeting will be held November 3, 2016.

Discussion took place in regard to bringing forward cost information to municipal councils and First Nations. Chair Miller mentioned that the RDBN Board of Directors approved Chair Miller and Director Bachrach to meet with First Nations partners in the region to provide an update and an opportunity to discuss and join the Regional Transit Committee and the Highway 16 Inter-Community Transit System. Chair Miller also noted that staff are currently developing possible funding formula options for discussion that will be available for the November 3rd Regional Transit Committee meeting for municipal councils participating.

REPORTS (CONT'D)

Discussion took place regarding each partner's contribution to the service will depend on number of partners participating. Including the best and worst case funding models scenarios was discussed along with potential funding options in three years depending on the commitment from the province. Linda Harmon, Transit Crown Agency Programs, Ministry of Transportation and Infrastructure noted that the province cannot make a commitment beyond the three year timeframe outlined. Deborah Bowman, Assistant Deputy Minister, MoTI has clearly outlined

ADJOURNMENT Moved by Director Bachrach Seconded by Director Repen

RTC.2016-2-4 "That the meeting be adjourned at 1:55 p.m."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Bill Miller, Chair

Wendy Wainwright, Executive Assistant



October 24, 2016

(1) 如果不能不能的问题,我们就是你们的意思。

To All Highway 16 Corridor Inter-Community Transit MOU Signatories and Existing Transit Partners

Re: Highway 16 Inter-Community Transit DRAFT Revised Service Options

Further to the outcomes of recent public engagement and our September 22-23, 2016 meetings with Regional Transit Committees, the attached Highway 16 Inter-Community Draft Revised Service Options document provides proposed revised service, fare and infrastructure options for the consideration and feedback of local decision makers. This document meets the deliverables outlined in the Memorandum of Understanding signed with local governments to provide recommended options for inter-community transit service along the Highway 16 corridor. Suggested next steps and recommendations are also included.

These revised options are based on the results of public engagement conducted in the Highway 16 corridor from Prince George to Prince Rupert from August 17 – September 16, 2016. They also encompass subsequent feedback from area First Nations and local governments.

The attached Revised Service Option document is presented in draft form to enable further comment and direction as desired from participating local governments, First Nations and Regional Transit Committees. Therefore, we encourage you to share this draft document with your respective councils, boards and prospective partners and welcome any comment by November 10, 2016. (Please contact us if your meeting schedule will not allow you to meet this deadline). At that point the document will be finalized and posted to the BC Transit website.

Birection

In tandem with the opportunity to provide final comment, we also note that the path to implementing service now lies with area local governments and their partners. BC Transit and the Ministry of Transportation and Infrastructure (MoTI) have confirmed funding, fleet availability and procurement processes for all of the options presented in the attached document and have also confirmed staff availability to support local agreement and cost-sharing discussions.

Recognizing the tremendous need for transportation options on Highway 16, BC Transit and MoTI staff stand ready to expedite the implementation of service in each of the segments. We also recognize that in accordance with the *BC Transit Act*, approval to move forward with service rests with each segment's sponsoring local government. The timing of local approval therefore has a critical impact on timing of implementation and the launch of new or expanded services.

This letter describes the suggested path to implementation for each of the segments.

1.0 Recommended Revised Service Options

The attached document describes in detail a number of service options explored and refined based on engagement feedback. Upon consideration of that feedback, service need and projected ridership, a number of options are recommended.

All of the service options presented have been confirmed for enhanced provincial cost-sharing under the Highway 16 Transportation Action Plan.

1.1 Expanded Service Between the Hazeltons Area and Smithers

In addition to the original four segments identified for new transit service (Burns Lake to Prince George, Burns Lake to Smithers, Hazeltons Area to Terrace and Terrace to Prince Rupert), a fifth segment between the Hazeltons Area and Smithers has been added based on feedback during the public engagement process and from community leaders. This addition recognizes that further

enhancement to existing service in this area is warranted to meet transportations need and to bring regional services to a consistent level across the corridor.

1.2 Recommended Options and Annual Estimated Costs

The following summarizes the recommended options presented for sponsoring local government consideration and approval. Once service options and funding thresholds are approved, detailed schedules and routing would be refined through the service implementation process to reflect the feedback and confirmed participation of funding partner area local governments and First Nations.

Highway 16 Inter-Community Transit Service

RECOMMENDED OPTIONS - Proposed Revised Service Option Summary. Preliminary Estimated Additional Annual Impacts*

			-					Enhanced Prov	incial Cost	-Shæing**	Under Treditiona Local Govi. Cost Bharing**
Service Option	Suggested Base Transit System	Buses***	Vehicle Type	Service Hours	Rides	Tótal Revenue	Total Costs	Net Local Share of Cests	Provincial Share: Operating Costs	Previncial Share Vohicle Lease Fee Equivalent	Net Local Share of Costs
Toposed New Service Of	dona: Segme	nt 1 - Burr	a Lake to P	fince Geo	rge 🐇	W //			1035-	$\overline{\mathcal{T}}^{\ell}$	WE -
Option 1b: Burns Leke - Prince George one round rip, three days/week + Connector to Wel'suwet'en /illage	NEW: Burns Lake	1.5	Light Duty	2,110	4,700	\$16,500	\$348,600	\$69,700	\$172,400	\$90,000	\$169,300
Proposed New Service O	dons: Segme	nt 2 - Burr	a Lake to S	mithers	U. 1 (1)	見も同		The second second		10-1-1	1000
Option 2b: One round trip Burns Lake - Smithers, two round trips Houston - Smithers, three days/week + Connector to Wet'suwet'en Village	NEW: Burns Lake	1.5	Light Duty	1,800	4,400	\$15,400	\$316,900	\$60,200	\$151,300	\$90,000	\$153,500
Proposed New Service O	biona: Segme	int 3 - Hezi	Itons Aree	to Terrece	White B		- # 141 - 1			4	Press of the
Option 3b: Hazeltons Area - Terrace, one round trip Tuesday and Thurnday, two round trips Seturdays and last Thursday of month	EXISTING: Hazeitons Regional	1.0	Light Duty	2,080	5,100	\$17,900	\$271,800	\$52,700	\$141,200	\$60,000	\$1 10,700
Proposed New Service O	ptions: Segme	nt 4 - Terr	ace to Princ	e Rupert	Aller	ANT GOTTAL		Hand the second second	1-11-12	1 - A - A	
Option 4b: Prince Rupert - Terrace, two round trips/day, three days per week	EXISTING: Skeens Regional	2.0	Light Duty	1,590	4,100	\$14,400	\$276,900	\$37,900	\$104,600	\$120,000	\$133,200
Proposed Enhanced Ser	ice Options: S	Segment 5	- Hazeltone	Ares (Inc	iuding Mo	ricetown) to	Smithers	Lange Charles	的可能是可	1° - 40"	E P TELA
Option 5b: Smithers - Moricetown Weekday Peak Senice Plus Saturday Service & System Spara	EXISTING: Smithers & District	1.0	Light Duty	910	3,200	\$8,500	\$140,800	\$20,500	\$53,800	\$60,000	\$80,100
Option 6: Hezeltons - Bmithers additional service to align with 3 day/week regional trips along comidor	EXISTING: Hazeltons Regional	0.0	Light Duty	760	1,500	\$3,000	\$75,100	\$22,100	\$50,000	\$0	\$32,500

* Costs based on 2016/17 AOA Amounts + 5-10% rate increase for potential Inflation, contract and vehicle type impacts + New System contingency + 10% contingency

** "Enhanced Provincial Cost-Sharing" is based on provincial share of 100% vehicle lease fees, 66.69% operating costs and applies only to new service segments. "Under Traditional Local Govt. Cost-Sharing" shows what the local amount would otherwise be under existing Local Government transit cost-sharing agreements for similar styles of service.

*** Half vehicles shown for Burns Lake options indicate sharing of vehicle spares between service segments.

2.0 Recommended Governance and Procurement Strategy

Based on operational considerations and discussions to-date with local governments, the following table describes the recommended transit system, sponsoring local government and transit committee, and the procurement or agreement process that would apply to each service option and its implementation.

- **Sponsoring Local Government** refers to the local government that would be the formal signatory for a service agreement with BC Transit. Formal decisions on routes, service levels, fares and budgets would be made by that organization's council or board, with input from the respective Transit Committee.
- Transit Committee refers to the body of local partners—including other local governments, First Nations and participating institutions/organizations—who contribute to local transit through a local funding agreement. Committees typically act as the discussion forum for transit partners and would normally make recommendations on routes, service levels, fares and budgets to the sponsoring local government.
- Transit System Management Company refers to the organization that would operate the service through contract, either through an amendment to an existing agreement with BC Transit or through a Request for Proposals process.

Transit System Buikley Nechako Paratransit (New)	Operating Hub Burns Lake (TBD)	Sponsoring Local Government Regional District of Bulkley- Nechako	Transit Committee Bulkley Nechako Regional Transit Committee (in process of being established)	Transit System Management Company Procurement/ Agreement Process Request for Proposal process to select a new transit management company.	Recommended Transit Options Encompassed • Option 1b – Burns Lake to Prince George • Option 2b – Burns Lake
Smithers & District Paratransit	Smithers (Telkwa)	Town of Smithers	Smithers & District Transit Committee (expanded as desired to include additional members)	Amendment of existing agreement with Smithers & District Community Services Society	to Smithers • Option 5b – Smithers to Moricetown
Hazeltons Regional Paratransit	Hazeltons (Two Mile, with contingency support from Terrace to Gitwangak)	Regional District of Kitimat- Stikine	Hazeltons Regional Transit Committee (expanded as desired to include additional members)	Amendment of existing agreement with First Canada ULC	 Option 3b – Hazeltons Area to Terrace Option 6 – Hazeltons Area to Smithers
Skeena Regional Paratransit	Terrace	Regional District of Kitimat- Stikine	Skeena Regional Transit Committee (expanded as desired to include additional members)	Amendment of existing agreement with First Canada ULC	Option 4b – Terrace to Prince Rupert

Recommended Governance and Procurement Strategy for Each Service Option

3.0 Recommended Path to Implementation - Suggested Next Steps

- 1. Sponsoring local government convenes meeting of respective transit committee to discuss and confirm:
 - Option(s) to be recommended for approval*
 - New or additional members to be added to the committee (Note that the Bulkley-Nechako Regional Transit Committee is in the process of being established).
 - Local cost-sharing apportionment agreed among members
 - Recommendation to sponsoring local government to move forward with implementation and direct staff to develop and sign an Implementation Agreement Memorandum of Understanding with BC Transit
- Recommendations received and approved by sponsoring local government board or council. To expedite process, potentially this approval may be made with a "subject to" clause noting that final approval is pending final confirmation of participation by local funding partners.
- 3. Implementation Agreement Memorandum of Understanding developed by BC Transit in conjunction with sponsoring local government.
 - This document will note work to be done and confirm timelines for implementation, subject to obtaining final approvals.
 - A "soft launch" implementation of transit service requiring minimal marketing materials, changes to underlying transit systems and using an existing operating company may require up to 60 days of lead time from the date of signing. An implementation requiring a RFP process may take up to five months from the date of signing. Timelines will be confirmed as part of the Implementation Agreement.
- 4. BC Transit begins preliminary implementation work, including:
 - Detailed scheduling and operational planning
 - Development of a marketing and communications plan
 - Negotiation of contract amendments with existing transit management companies or the issue of a Request for Proposal to select a new company.
- 5. Local partnership agreement developed by sponsoring local government.
- 6. Resolution sought from funding partners to become part of agreement.
- 7. Transit function and local agreements approved by the sponsoring local government.
- 8. Transit system agreements finalized and sent by BC Transit and approved by the local government.
- 9. Transit service begins, in conjunction with marketing campaign and outreach.

* Note that changes to each of the transit systems could be implemented independently from each other. Based on further discussion with BC Transit and the transit management company, it may also be possible to phase implementation within transit systems, such as to "soft launch" additional trips and then integrate them into existing base transit service and materials at a later date.

4.0 Conclusions

The engagement process for the Highway 16 Inter-Community Transit Service has been an in depth and collaborative process, drawing on expertise from a wide variety of decision-makers, community members and staff from diverse professions. Overall, the proposals have received positive responses. The revised options and recommendations highlighted in this letter and presented in the attached report are based on the feedback received to date and aim to provide the best value to communities within the resources presented.

BC Transit supports the recommendations and the Ministry of Transportation and Infrastructure has confirmed provincial funding through the Highway 16 Action Plan. Staff at both organizations stand by to support implementation based on the feedback of local decision makers.

It is recommended that all local governments and First Nations receiving this letter **provide** feedback on revised draft service, fare, infrastructure and policy proposals by November 10. (Please contact us if your meeting schedule will not allow you to meet this deadline).

Furthermore, in order to move forward to implementation, it is recommended that their respective Transit Committees and sponsoring Local Governments:

- Select and approve their service option(s)
- Direct staff to work with BC Transit to create, finalize and sign an Implementation Agreement Memorandum of Understanding that will initiate the implementation process, commence infrastructure implementation, and enable BC Transit to undertake contract negotiations and/or a procurement process with operating companies for the new service.

Following local signature of an implementation Agreement Memorandum of Understanding between BC Transit and the sponsoring local government, the detailed work to implement service would then begin.

If you have any immediate questions, BC Transit welcomes your feedback. Please feel free to contact:

Chris Fudge Senior Regional Transit Manager BC Transit <u>chris fudge@bctransit.com</u> 250.589.0099 Tania Wegwitz Manager of Planning BC Transit tania wegwitz@bctransit.com 250-508-0842

Attachment: Highway 16 Inter-Community Transit DRAFT Revised Service Options Appendix A- Proposed Detailed Routing and Bus Stop Locations

Cc: Ministry of Transportation and Infrastructure:

- Silas Brownsey, Executive Director, Transit and Crown Agency Programs
- Linda Harmon, Manager, Transit and Crown Agency Programs.
- BC Transit:
 - Matthew Boyd, Regional Transit Planning Lead
 - Adriana McMullen, Transportation Planner

Highway 16 Action Plan: Inter-Community Transit DRAFT Revised Service Options

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DRAFT -- October 24, 2016



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ACKNOWLEDGEMENTS

BC Transit would like to thank those citizens, community leaders, organizations and communities who provided input into these revised inter-community transit service options for the Highway 16 corridor through one-on-one conversations, community events, group meetings and written and online submissions.

We are especially grateful to all those who shared their space, regions and traditional territories with us to enable us to conduct this work and hear from many others at community events.

While this draft revised service option document presents results to date, it should be noted that the conversation continues. BC Transit welcomes your comments, thoughts or questions at highway16@bctransit.com

To learn more about the proposed services and their continued progress please visit our website at www.bctransit.com/highway16/transitfuture.

1.0 Introduction

As part of a comprehensive \$5 million Highway 16 Five Point Action Plan, the Ministry of Transportation and Infrastructure (MoTI) has committed \$2.4 million in funding over a three year period to provide inter-city transit services along the 750 kilometre Highway 16 corridor between Prince Rupert and Prince George.

In collaboration with community leaders, BC Transit undertook a detailed analysis to confirm the feasibility, scope and costs of creating and/or enhancing intercommunity public transit service along the Highway 16 corridor. With the support and collaboration of community leaders, these options for service, fares and infrastructure were then presented to the public for feedback through various means from August 17 to September 16, 2016.



Results of that engagement were summarized¹ and presented to community leaders at Regional Transit Committee meetings held September 22-23, 2016.

Based on engagement results and feedback from corridor local governments and First Nations to date, this document provides proposed revised servica, fare and infrastructure options for the consideration and feedback of local decision makers. Suggested next steps and recommendations are also included.

This document is presented in draft form to enable further comment and direction as desired from participating local governments, First Nations and Regional Transit Committees. Once any comments or recommended changes have been received, it is expected that this document will then be finalized and posted to the BC Transit website in mid-November 2016.

Based on direction received by the sponsoring local governments for service, the revised options will be further developed, incorporated into a final version of the Highway 16 Action Plan Inter-Community Transit Service Discussion Document and—pending local approval--moved forward for implementation.



Photos several of the 20 engagement events held along Highway 16 from Prince Rupert to Prince George from August 17 – September 16, 2016. From left: Prince Rupert, Stellaquo, Houston and Moricetown.

¹ The final engagement report is available at https://bctransit.com/highway16.

2.0 Revised Service Options, Routing and Schedules

2.1 Proposed Revisions to Highway 16 Service Routing and Schedules

Along the length of the Highway 16 corridor, some common themes emerged through the public consultation process:

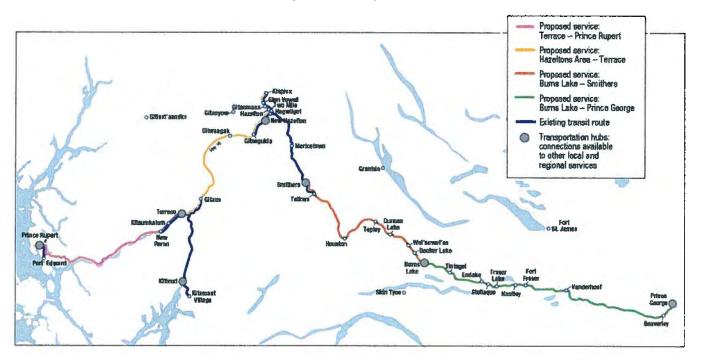
- General support for the proposed transit services.
- · A desire for at least three day per week regional service in all segments.
- Requests for higher levels of local service in some communities, especially those that are closer to existing transit hubs, such as Moricetown, Wet'suwet'en and Gitsegukla.
- · A desire for a mix of waekday and weekend travel.

Based on these general themes, specific feedback received and further analysis, the following section describes potential service options and changes to the initial service proposals for each service area segment.

All of the service options presented in this document have been confirmed for enhanced provincial cost-sharing under the Highway 16 Transportation Action Plan.

An additional area segment (Hazeltons Area to Smithers) has been added to this document in recognition that further enhancement to existing service in this area is werranted to meet transportation needs and to bring regional services to a consistent level across the corridor. This means that the service area segments addressed by Highway 16 inter-community transit options in this raport are as follows:

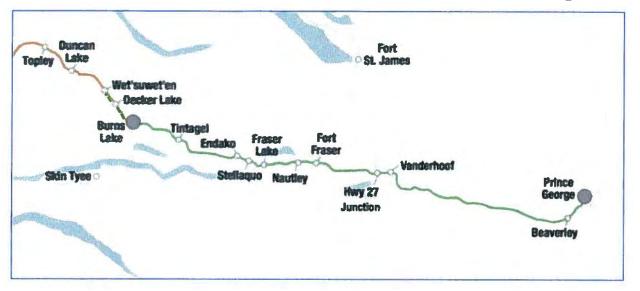
- 1. Burns Lake to Prince George
- 2. Burns Lake to Smithers
- 3. Hazeltons Area to Terrace
- 4. Prince Rupert to Terrace
- 5. Hazeltons Area (including Moncetown) to Smithers



October 2016 - Highway 16 Inter-Community Transit Revised Service Options - DRAFT Page 4

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Proposed Revised Service Options: Segment 1 - Burns Lake to Prince George



Frequency: Three days per week; recommended for Tuesday, Thursday and Saturday

Trips (See following page for sample schedules):

- Option 1a Burns Lake to Prince George: One round trip per day, enabling four hours of time in Prince George if passengers are travelling to Downtown or 5.5 hours if they are travelling to/from destinations on the way into the city, such as Westgate Mall.
- Option 1b Burns Lake to Prince George with Wet'suwet'en Village Connector: This option is identical to 1a above but also includes connecting service to Wet'suwet'en Village at the start and end of trips. For instance, the bus would route to Wet'suwet'en Village first before then completing the local loop of Burns Lake and proceeding to Prince George.

Local Routing: Short local loops will be as follows (see Appendix A for complete proposed routing, stops and shelters).

- Wet'suwet'en Village (Option 1b)
- Burns Lake (Final stop details still in process of being confirmed)
- Fraser Lake (via Seniors Centre)
- Nautley (to Nadleh Whuten Gas Bar)
- Vanderhoof (including washroom break opportunity at Plaza and service to Hospital)
- Prince George (via Westgate Mall, Pine Centre, Spruceland Mall, Prince George Hospital and Downtown.

Summary of Changes Incorporated into Above Proposals Based on Engagement:

- Three days per week recommended based on need and to increase cepacity
- Time in Prince George lengthened further (it had been already been lengthened to four hours based on initial community leader feedback).
- Option for connecting service to Wet'suwat'en Village added.
- Local routing in Fraser Lake and Nautley adjusted based on community feedback and need for a shelter identified for Stellaquo.
- Provision provided for an additional bus to provide service on two days per month as contingency if required to meet over-capacity ridership, particularly at the end of the month.

Considerations:

- While the time in Prince George has been widened further to meet public feedback, the amount it can be extended is constrained by the functional limits in terms of the overall length of day for passengers and the transit driver.
- In tandem with options presented in Segment 2 (Burns Lake to Smithers), and depending on outcomes of further discussion with potential First Nation transit funding partners, option 1b means that Wet'suwet'en First Nation residents could potentially have access to Burns Lake six days per week.

Revised Sample Schedules

Note that schedule times would be further refined through the implementation procass and that not all stops are shown.

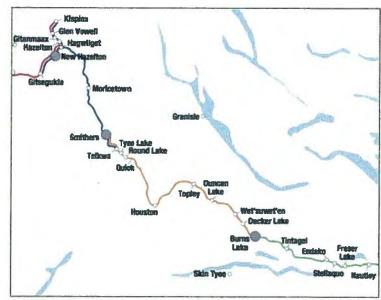
Option	n 1a: B	urns L	ake to	Prince	e Georg	je	and a state of the				
			Tu	esday,	Thurse	lay and	Sature	day			
To Pri	nce G	eorge				To B	ırns La	ke			
Bums Lake Local Loop	Fraser Lake	Vanderhoof	Beaverly	Prince George (Westgate Mall)	Prince George (Downtown)	Prince George (Downtown)	Prince George (Westgate Mall)	Beaverly	Vanderhoof	Fraser Lake	Bums Lake Local Loop
7:25	8:15	9:10	10:25	10:35	11:07	3:15	3:57	4:17	5:27	6:22	7:27

Option	1b: Bur	ns Lake	to Pri	nce Ge	orge, v	vith We	t'suwet'	en Villa	age co	nnectio	on		
				Tue	sday, 1	Thursda	y and S	aturday	/				
To Prin	ice Geo	rge					To Bu	ms Lak	W & e	eťsuwo	eten V	illage	
Wet'suwet'en Village	Bums Lake Local Loop	Fraser Lake	Vanderhoof	Beaverly	Prince George (Westgate Mall)	Prince George (Downtown)	Prince George (Downtown)	Prince George (Westgate Mall)	Beaverly	Vanderhoof	Fraser Lake	Bums Lake Local Loop	Wet'suwet'en Village
6:55	7:10	8:15	9:10	10:25	10:35	11:07	3:15	3:57	4:17	5:27	6:22	7:27	7:55

Proposed Revised Service Options: Segment 2 - Burns Lake to Smithers

Frequency: Three days per week; recommended for Monday, Wednesday and Friday

- Trips (See following page for sample schedules):
 - Option 2a Burns Lake to • Smithers with Topley/ Wet'suwet'en Connectors: One round trip per day. scheduled for four hours in However, at the Smithers. start and end of service this option would also provide short half trips from Topley and Wet'suwet'en Village to Burns Lake.
 - For instance the bus would route to Topley and Wet'suwet'en Village first before then doing the local loop of Burns Lake and



proceeding back along the highway to Smithers. It would do the reverse on the return trip from Smithers.

- This option enables communities along this section to connect to Smithers while also enabling Topley and Wet'suwet'en residents to connect to Burns Lake.
- Option 2b Burns Lake to Smithers, with additional Houston trips and Wet'suwet'en Connector: This option would provide one round trip per day from Burns Lake to Smithers <u>plus</u> an additional midday round trip between Houston and Smithers.
 - The scheduling of these trips means that the bus would be in Smithers for 90 minute periods between trips.
 - This would therefore enable Burns Lake and other passengers to have five to six hours overall in Smithers, while also making it possible for Houston area passengers to have the option for shorter trips to and from Smithers.
 - Similar to Option 2a, this option could include a half trip connector at the start and end of the service day from Wet'suwet'en Village to Burns Lake.
- Local Routing: Short locel loops will be as follows (see Appendix A for complete proposed routing, stops and shelters).
 - Burns Lake (Final stop details still in process of being confirmed)
 - Wet'suwet'en Village
 - Topley
 - Houston (via Recreation Centre as well as upper bench)
 - Smithers (via existing frontage road stops, downtown and the Bulkley Valley District Hospital)

Summary of Changes Incorporated into Above Proposals Based on Engagement:

 Three days per week recommended based on need and to increase capacity. Days of week remain offset from the Burns Lake to Prince George days of service (to enable service to operate at a lower cost than otherwise possible). However, days of the week align with those proposed for Hazeltons-Smithers, meaning that connection would be possible from Burns Lake to the Hazeltons area.

- A number of different routing and schedule options were explored based on feedback; overall time in Smithers lengthened in all options.
- Local routing and stops in Houston adjusted based on community feedback and stop added to Recreation Complex to enable closer proximity to nearby senior's housing. Opportunity for a stop in proximity to the Buck Flats intersection with Highway 16 is in the process of being explored. Stop added at the Bulkley Valley District Hospital in Smithers.
- Options for service from Topley and Wet'suwet'en residents to Burns Lake included.

Considerations:

- Note that as part of revised option development based on engagement feedback, possible transit connection to the northside Francois Lake Ferry terminal was also examined. However, given the resulting potential impact on transit schedules for other communities and that Southside communities would still need to organize transportation to access the ferry, it is recommended that service to the overall Francois Lake area is still likely better served separately, such as through a community transportation option.
- A commuter service option from Smithers to Houston was also explored. At this time, it
 is racommended that transit focus on providing introductory travel for those who may
 have the least access to other transportation. As service is established and evolves, it
 would be possible in the future to consider other opportunities to layer on daily
 commuter service through regular BC Transit expansion processes.
- Service to the Tyhee Lake area and growing residential areas in the vicinity of Telkwa was also requested. It is recommended that service to these areas be explored as part of planned expansion to the Smithers & District Transit System.
- Similar to Option 2a, it would be possible in Option 2b to also have the short connector trips operating from Wet'suwet'en to Burns Lake additionally extend as far as Topley. However, there would be an additional cost for this and the distance and time involved means that the schedule becomes less attractive and therefore less likely to be used. BC Transit can provide costs for that further extension if desired by local decision makers or it could be something considered in future.

Sample Schedules

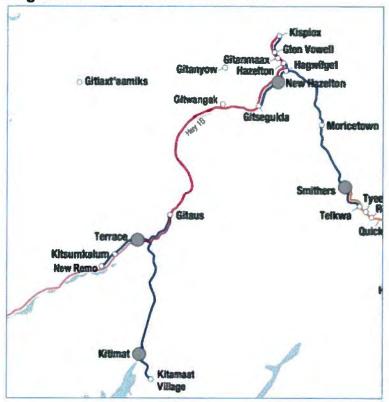
Note that schedule times would be further refined through the implementation process and not all stops are shown.

Option	2a: Bu	rns Lak	e to Sn	nithers,	wi	th Topl	ey/Wet	'suwet'e	en Conr	nectors
			Monda	iy, Wed	Ine	sday &	Friday			
To Sm	lthers					To Bur	ns Laki)		
Bums Lake	eferits wetten Village	Topley	Houston	Smithers		Smithers	Houston	Topley	Wet'suwet'en Village	Bums Lake
7:00	7:13	7:38	-	-	1	-	-	7:38	8:03	8:16
8:31	8:43	8:54	9 :31	10:46		2:46	4:06	4:43	5:03	5:16
5:31	5:44	6:09	-	-	ALL.	-	-	6:09	6:34	6:47

Option 2	2b: Burns	Lake to s	Smithers,	with add	litic	onal Hou	ston trips	, Wet'suv	veťen co	nnector
			Mon	day, Wec	Ine	sday & F	riday			
To Smit	hers	T ·				To Burn	s Lake			
Bums Lake	Wet'suwet'en Village	Topley	Houston	Smithers	1. V 16.	Smithers	Houston	Topley	Wet'suwet'en Village	Bums Lake
7:00	7:13	-	-	-		-	-		7:13	7:26
7:41	7:53	8:04	8:41	9:56		11:26	12:36	-	-	-
-	-	-	1:01	2:11		3:31	4:41	5:18	5:38	5:51
6:06	6:19	-	-	-		-	-	-	6:19	6:32

Proposed Revised Service Options: Segment 3 - Hazeltons Area to Terrace

- Frequency: Three days per week, recommended for Tuesday, Thursday and Saturday.
- Trips (See following pages for sample schedules):
 - Option 3a Hazeltons Area to Terrace, one round trlp per day three days per week: This option would provide one round trip from Kispiox to Terrace and enables four hours of time in Terrace before returning to the Hazeltons.
 - A small amount of time has also been built into the schedule to enable the bus to wait at the Gitwangak Health Centre to enable that location to potentially act as an exchange hub for passengers



connecting from Kitwanga and Gitanyow and other points in the Hazeltons.

- Option 3b Hazeltons Area to Terrace, one round trip on Tuesdays and Thursdays, two round trips on Saturday – This option would provide one round trip on Tuesdays and Thursdays identical to what is outlined for Option 3a. However, on Saturdays two round trips would be operated as follows:
 - In addition to the smaller Hazeltons bus operating from Kispiox to Terrace, a second bus would also be operated on this day. Pending confirmation by the City of Terrace (the formal agreement holder for that service) and final operating logistics, it would be also be possible to bring a larger 35 foot long bus from Terrace to be used for the extra Saturday trips. That bus would pick up passengers at Gitsegukla and Gitwangak and would wait for the smaller bus from Kispiox at the exchange hub at the Gitwangak Health Centre. Having both buses meet there would enable passenger loads to be balanced betwaen the two vehicles—and other passengers from Kitwanga and Gitanyow to board—before proceeding to Terrace.
 - Two return times from Terrace would then be offered: the smaller bus returning to Gitwangak and Kispiox at midday (enabling about two hours of time in Terrace) and the larger bus returning later in the afternoon (enabling about five hours of time in Terrace).
 - On the later time, the small bus would meet the larger bus in Gitwangak, enabling passengers returning all the way to Kispiox to transfer onto it. (The larger bus would drop off passengers in Gitsegukla and potentially New Hazelton based on number of passengers before returning to Terrace).
- This option also includes the ability to operate a second round trip or overload bus on the last Thursday of the month.

- Local Routing: Short local loops will be as follows (see Appendix A for complete proposed routing, stops and shelters).
 - Kispiox, Sik-e-Dakh (Glen Vowell), Hazelton
 - New Hazelton
 - South Hazelton
 - Gitsegukla
 - Gitwangak (including stop to pull out on Highway 37 and service to Health Centre as a potential passenger exchange hub for transfers to/from other destinations)
 - Gitaus
 - Thornhill (This stop has been included here as the Highway 16 planning process has consistently worked to identify areas of significant population along the route that could be accessed by transit; inclusion of these stops could be amended based on locel feedback).
 - Terraca (including Wal-Mart, Hospital and Downtown/Skeena Mall)

Summary of Changes Incorporated into Above Proposals Based on Feedback:

- Three days per week recommended based on need and other corridor scheduling.
- Time in Terrace lengthened further and an option for a second trip added.
- Option 3b provides additional capacity for passengers and parcels on what are likely to be the busiest days of the month.
- Gitwangak Health Centre established as potential exchange hub for new service and its transferring passengers.
- Stop locetions in Gitwangak revised and shelter added.
- Overall schedule shifted slightly later in the day.

Considerations:

- A scheduling / routing option for Kitwanga was also explored. However, if a community connection from Gitanyow is being organized for the service, ideally it would be better to serve Kitwanga through that means and connect with the Hazeltons-Terrace bus at Gitwangak. This can be explored further based on outcomes of the Highway 16 Community Transportation Grant process and continuing dialogue between local communities.
- This option proposes using one of the Terrace Regional Transit conventional (35 foot long) buses. Amendments to that agreement—for which the City of Terrace is the formal local government partner--would be required in order to make that option possible. It is suggested that use of this vehicle could potentially be reflected as a credit towards Terrace's share of the local costs for the Hazeltons Regional service, should it choose to become a partner. This option would also require confirming operational logistics with the system's operating company First Canada ULC.
- The ability of the Gitwangak Health Centre location to act as a potential connection point is in the process of being confirmed. If this location is unsuitable, another connection point would need to be determined.

Sample Schedules

Note that schedule times would be further refined through the implementation process and not all stops are shown.

Option	n 3a: H	azelto				round t					
			T	uesda	y, Thurs	sday & S	aturda	i y			
To Te	mace					To the	Hazel	itons A	геа		
Kispiox	Hazelton	Gitsegukla	Gitwangak (Passenger Connection Hub)	Gitaus	Теггасе	Теггасе	Gitaus	Gitwangak (Passenger Connection Hub)	Gitsegukla	Hazelton	Kispiox
7:20	7:44	8:24	8:40	9:50	10:25	2:30	3:05	4:15	4:31	5:11	5:35

				T	lesday	& Thursd	ay				
To Tei	тасе		-			To the	Hazel	tons An	9 8		
Kispiox	Hazelton	Gitsegukla	Gitwangak (Passenger Connection Hub)	Gitaus	Тепасе	Terrace	Gitaus	Gitwangak (Passenger Connection Hub)	Gitsegukla	Hazetton	Kispiox
7:20	7:44	8:24	8:40	9:50	10:25	2:30	3:05	4:15	4:31	5 :11	5:34
					Sat	urday					
7:20	7:44	- j	8:40	-	10:20	12:30	1:05	2:15	2:31	3:11	3:3
Larger	bus->	8:20	8:40	9:50	10:25	3:10	3:25	4:55	5:15	-	-
3:35	3:59	4:39	4:55	-	-	-	- 1	4:55	- 1	5:51	6:15

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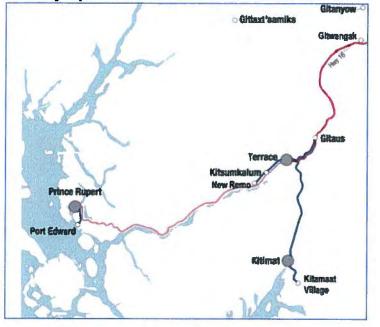


Proposed Revised Service Options: Segment 4 – Prince Rupert to Terrace

Frequency: Either two days per week (Option 4a) or three days per week (Option 4b). The recommended option is three days per week which would be scheduled for

Tuesday, Thursday and Saturday to align with service from the Hazeltons Area to Terrace.

- Trips (See the following page for sample schedules):
 - Option 4a Prince Rupert to Terrace, two round trips per day, <u>two</u> days per week: This option provides two round trips per day between Terrace and Prince Rupert. Schedule enables four hours of time in Terrace.
 - If this option is selected and only two days of service are offered, it is



recommended that they operate on a Tuesday and Saturday to align as much as possible with the Hazeltons Regional service to Terrace and provide a mix of day types (weekday and weekend travel)

• Option 4b - Prince Rupert to Terrace, two round trips per day, three days per week: identical to Option 4a but operates an additional day per week. Recommended days would be Tuesday, Thursday and Saturday.

Local Routing: Short local loops will be as follows (see Appendix A for complete proposed routing, stops and shelters).

- Prince Rupert
- New Remo
- Kitsumkalum
- Terrace (via Hospital, Wal-Mart and Downtown/Skeena Mall).

Summary of Changes Incorporated into Above Proposals Based on Feedback:

- Three days per week recommended based on need and to ensure capacity
- Time in Terrace lengthened further
- Request for shelter at Kitsumkalum added to stop and shelter plan.

Considerations:

- Opportunities to coordinate schedules with existing transportation providers are in the process of being explored and may result in further adjustments to the proposal.
- Depending on outcomes of these coordination efforts, there may be advantages to having this service operate out of the Prince Rupert garage instead of Terrace. (Costs are essentially the same for options regardless of operating centre). However, at present Terrace is still the preferred garage location to enable the spare vehicle to support both the Skeena Regional and Hazeltons Regional services.



Sample Schedules

Note that schedule times would be further refined through the implementation process and not all stops are shown.

Option 4	a: Terrac	e to Princ	e F	Rupert Tw	o Days/W	feek				
Tuesday & Saturday										
To Prince Rupert To Terrace										
Terrace	Kitsumkalum	Prince Rupert	An test of	Prince Rupert	Kitsumkalum	Terrace				
7:05	7:20	9:05		9:35	11:20	11:35				
3:40	3:55	5:40		6:10	7:55	8:10				

Option 4	Option 4b: Terrace to Prince Rupert Three Days/Week									
Tuesday, Thursday & Saturday										
To Princ	CB									
Теггасе	Kitsumkalum	Prince Rupert	A STATE OF A	Prince Rupert	Kitsumkalum	Тепасе				
7:05	7:20	9:05		9:35	11:20	11:35				
3:40	3:55	5:40		6:10	7:55	8:10				

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Proposed Revised Service Options: Segment 5 – Hazeltons Area (Including Moricetown) to Smithers

Options for Enhanced Service Between Moricetown and Smithers

- Option 5a Smithers Moricetown Midday Service on Two Additional Weekdays Plus Saturday Service and System Spare: This option would add two trips on Saturdays as well as two trips during middays on Tuesday and Thursday,
 - These trips would be operated by Smithers & District Transit and would complement and be offset from the proposed days of service for Hazeltons-Smithers trips that also serve Moricetown.
 - A vehicle would also be added to the Smithers system to facilitate this service and to address existing lack of a spare and associated reliability issues.



- In tandem with the existing Hazeltons Regional service, this option would mean that Moricetown had consistently available midday service to and from Smithers 6 days per week. Since it focusses on midday travel, this enhancement would primarily serve the needs of elders and families.
- Option 5b Smithers Moricetown Weekday Peak Service Plus Seturday Service and System Spare - Similar to option 5a, this service would be operated by Smithers & District Transit and add an additional spare vehicle to that system. It would also add Saturday service.
 - However, instead of adding midday service on two days per week, this option would instead add two trips per day at peak times Monday to Friday (i.e. one morning trip and one late afternoon trip every weekday).
 - Like 5a, this service would be in addition to existing Moricetown service provided by the Hazeltons Regional Transit System. However, it would focus on serving the needs of potential youth and adult commuters since it would offer consistent service at the start and end of each day six days per week.
 - This option would also likely better serve the needs of elders and families as well since they would still have access to midday transit three days per week via the Hazeltons Regionional Transit System as well as increased options on other days.



Options for Enhanced Service Between the Hazeltons Area and Smithers

- Option 6 Hazeltons Smithers additional service to align with 3 day/week regional trips along corridor: This option would convert an existing day of local Hazeltons service into a regional service day between the Hazeltons and Smithers.
 - Recommended days of service would be Monday, Wednesday and Friday. This would mean that the three regional days for Hazeltons-Smithers would align with those between Bums Lake and Smithers, thereby enabling connections between communities.



- o An additional day of regional
- service on this portion would addresses capacity issues.
- o This option also includes:
 - Aadditional time required to address schedule reliability on the existing Kispiox to Smithers route so that trips can better run on time.
 - Time to enable two connecting trips per day to be opareted between Gitsegukla, Gitwangak and New Hazelton on the days when the regional service to Smither operete. This change would thereby enable those communities to maintain or gain local connection within the Hazeltons area on those days (including youth travel from after school activities) as well as access regional travel towards Smithers.

Summary of Changes Incorporated into Above Proposals Based on Engagement:

 The need for Options 5a or 5b and Option 6 were consistently identified by community leaders in the development of the initial Highway 16 Inter-Community Transit Service Discussion Document. They ware also frequently highlighted by community members through subsequent public engagement on options and align with past BC Transit analysis of capacity and reliability issues on the existing Smithers & District and Hazeltons Regional Transit Systems.

These options are presented here as part of the Highway 16 Inter-Community Transit suite of proposals and the Ministry of Transportation and Infrastructure has confirmed that they are eligible for enhanced provincial funding as part of that program.

Considerations:

- Previously Moricetown residents had experienced times when they were not able to board the Hazeltons Regional trips heading towards Smithers because the bus was already full by the time that it reached their community. BC Transit believes that these past capacity issues will be addressed through the suite of options presented in this document since Hazeltons area residents would now have transit access to Terrace as well and since since Option 6 provides another day of travel between the Hazeltons area and Smithers.
- If Moricetown-Smithers service is operated by Smithers & District Transit as proposed in Options 5a or 5b, it would make sense to adjust the existing Smithers two-zone fare to apply to both Telkwa and Moricetown and similarly make adjustments to the zone structure of the Hazeltons Regional Transit System.

 While the Moricetown-Smithers route could be implemented as a separate service to start, there are significant opportunities to improve the overall Smithers & District Transit System if these trips are then integrated as part of overall system rescheduling that would take place as part of a planned expansion to Smither – Telkwa service that is already part of BC Transit's regular expansion processes planned for 2017/18.

Sample Schedules

Note that schedule times would be further refined through implementation process and not all stops are shown. It should also be noted that the times shown for Moricetown-Smithers options would be confirmed based on further dialogue with Moricetown around ideal times to meet resident needs.



Option 5a: Smithers to Moricetown									
Additional Midday Trips Tues & Thurs									
+ Saturday Service									
	Tuesday	8	Thursday						
To Moricetown									
	Ę		Ę						
28	Moricetow		cetow	20					
Ē	ļice		ğ	ŝ					
Smithers	Ň		ŝ	Smithers					
10:30	11:10		11:10	11:50					
2:40	3:20		3:20	4:00					
	Sat	ur	day						
9:30	10:10	1	10:10	10:50					
3:15	3:55		3:55	4:35					

	Option 55: Smithers to Moricetown Weekday Peak + Saturday Service									
	Monday to Friday									
To Mori	To Moricetown To Smithers									
Smithers	Moricetown		Moricetown	Smithers						
7:20	8:00		8:00	8:40						
4:30	5:10		5:10	5:50						
	Saturday									
9:30	10:10		1 0 :10	10:50						
3:15	3:55		3:55	4:35						

Option 6 Hazeltons – Smithers Sample Schedules

					M	onday,	Wed	ne sda	y 8	Frida	ly .					
To Smithers										To Ha	zelton	s.				· ··
Kispiox	Sik-e-Dekh (Glen Vowell)	Hazetton	Hospital	Hagwiget	South Hezelton	New Hazelton	Moricetown	Smithers	Same of the second	Smithers	Moricetown	New Hazelton	Hagwilget	Hospital	Hazelton	Kisplox
-	•	-	-	-	-	-	-	- ~	H.	•	-	7:38	7:43	-	-	8:06
6:15	8:24	6:39	8:44	8:51	8:55	8:59	9:22	9:54	÷	10:15	10:42	11:08	11:13	11:21	11:26	11:4
12:00	12:09	12:24	12:29	12:36	-	12:40	1:03	1:35	Ì	1:50	2:17	2:43	2:48	2:56	3:01	3:24
3:30	3:39	3:54	3:59	4:06	-	4:10	4:33	5:05	Ľ.	5:15	5:42	6:08	6:13	6:21	6:26	6:49
6:50	6:59	-	-	7:12	-	7:16	-	-	ľ	-	-	-	-	-		-

West	Conne	ctor		-							
	Monday, Wednesday & Friday										
To Gii	To Gitsegukia & Gitwangak 🖉 To New Hazelton & Hazelton										
Hazeton	New Hazelton	South Hazetton	Gitsegukla	Gitwangak		Gitwangak	Gitsegukla	South Hazelton	New Hazelton	Hazelton	
-	11:10	11:14	11:34	11:52	f	11:52	12:10	12:30	12:34	12:58	
5:46	6:10	6:14	6:34	6:52	h	6:52	-	-	7:22	-	

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2.2 Service Option Summary: All Options

The following table summarizes the estimated impacts for <u>all</u> service options presented above for comparison purposes. All figures are annual and are based on estimates that would require review based on confirmed service and operational details.

Note that the following section provides information on the <u>recommended</u> service options. Highway 16 Inter-Community Transit Service

ALL PRESENTED OPTIONS - Proposed Revised Rervice Ontion Summery Proliminary Feti

Service Option Proposed New Service Optio Opti <mark>erVOFOTGO-Kar</mark> O. Prince George Gree round tip,	Suggasted Baso Transit Systam Au: Sagment 1 Take	- Burns La	Vehicle Type	Service Hours	Rides	Total	-		Provincial	Provincial	
	Fares are		ke to Princ			Revenue	Total Costs	Net Local Share of Costs	Sharm: Operating Costs	Sharo: Vehicio Lesso Feo Equivalent	Net Local Share of Costs
	Fares are			e George		-		-			
three days/week		1.5	1		on 3.0	\$14,400	\$338,300	\$477,700	\$164,200	\$90,000	\$164,900
Option 1b; Burns Lake - Prince George one round trip, three days/week + Committer to Wet'suwet'en Village	NEW: Sums Lake	1.5	Light Duty	2,110	4,700	\$16,600	\$348,600	\$69,700	\$172,400	\$50,000	\$169,300
Proposed New Service Optio	ns: Segment 2	- Burns La	ke to Smith		_			1			
Option 2a: Burns Lake - Smithers one round trip, three days/week + Connector to Topley & Wet'suwet'en Village	NEW: Burns Lake	1.5	Light Duty	1,850	3,800	\$13,300	\$322,000	\$84,000	\$154,700	\$90,000	\$156,400
Option 2b: One round trip Burns Lake - Smithers, two round trips Houston - Smithers, three days/week + Connector to Wet'suwat'en Village	NEW: Bums Lake	1.5	Light Duty	1,800	4,400	\$15,400	\$316, 9 00	\$60,200	\$151,300	\$80,000	\$153,500
Proposed New Service Option	ns: Segment 3	- Hazalton	Area to Te	17800							
Option 3a: Hazeltons Area - Terrace, one round trip, three days/week	EXISTING: Hazeitons Regional	1.0	Light Duty	1,640	4,700	\$16,500	\$224,500	\$38,300	\$109,700	\$60,000	\$69,700
Option 3b: Hezeltons Area - Terrace, one round htp Tuesday and Thumiday, two round trips Saturdays and last Thuradey of month	EXISTING: Hazeltons Regional	1.0	Light Duty	2,080	5,100	\$17,900	\$271,600	\$52,700	\$141,200	\$60,000	\$110,700
Proposed New Service Option	ns: Segment 4	- Terrace to	Prince Ru	pert	-			1			
Option 4e: Prince Rupert - Terrace, two round tripe/day, two days per week	EXISTING: Skoens Regional	2.0	Light Duty	1,060	2,300	58, 100	\$228,300	\$27,300	\$70,900	\$120,000	\$112,500
Option 4b: Prince Rupert - Terrace, two round trips/day, three days per week	EXISTING: Skeens Regional	2.0	Light Duty	1,590	4,100	\$14,400	\$275,900	\$37,900	\$104,600	\$120,000	\$133,200
Proposed Enhanced Service	Options: Segm	ent 5 - Haz	eltons Area	fineludin	g Moriceto	wn) to Smit	thers				
Two Additional Weekdays	EXISTING: Smithers & District	1.0	Light Duty	390	1,700	\$3,500	\$95,900	\$8,600	\$23,900	\$80,080	\$41,500
Option 5b: Smithera - Moncetown Weekday Peak Service Plus Saturday Service & System Spare	EXISTING: Smithers & District	1.0	Light Duty	910	3,200	\$8,500	\$140,800	\$20,500	\$53,600	\$60,060	\$80,100
Option 6: Hazeltone - Smithens additional service to slign with 3 day/week regional ripe along corridor	EXISTING: Hazellons Regional	D.0	Light Duty	780	1,500	\$3,000	\$75,100	\$22,100	\$50,060	\$0	\$32,500

* Costs based on 2016/17 AOA Amounts + 5-10% rate increase for potential Initiation, contract and vehicle type impacts + New System contingency + 10% contingency

** "Enhanced Provincial Cost-Sharing" is based on provincial share of 100% vehicle lease base, 66.69% operating costs and applies only to new service segments. "Under Treditional Local Gov. Cost-Sharing" shows what the local amount would otherwise be under axisting Local Government transit cost-sharing agreements for similar styles of service. *** Half vehicles shown for Burns Lake options indicate sharing of vehicle sparse between service segments.

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2.3 Service Option Summary: Recommended Options

Taking account public engagement and community feedback to date and opportunities to deliver the best community value within resources provided, the following options are recommended.

Once service options and funding thresholds are approved, detailed schedules and routing would be refined through the service implementation process to reflect the feedback and confirmed participation of funding partner area local governments and First Nations.

Highway 16 Inter-Community Transit Service

RECOMMENDED OPTIONS - Proposed Revised Service Option Summary: Preliminary Estimated Additional Annual Impacts*

								Enhanced Prov	Inclei Cost	-Sharing**	Under Traditional Local Govt. Cost- Sharing**
Service Option	Suggested Base Transit System	Buses***	Vehicle Type	Service Hours	Rides	Total Revenue	Total Costs	Net Local Share of Costs	Provinciał Share: Operating Costs	Provincial Share: Vehicle Lease Fee Equivalent	Net Local Share of Costs
Proposed New Service O	ptions: Segme	nt 1 - Burn	s Lake to P	vince Geo	ige .						
Option 1b: Burns Lake - Prince George one round trip, three days/week + Connector to Wet'suwet'en Village	NEW: Burns Lake	1.5	Light Outy	2,110	4,700	\$16,500	\$348,600	\$69,700	\$172,400	\$90,000	\$169,300
Proposed New Service O	ptions: Segme	nt 2 - Burn	s Lake to S	mitters							
Option 2b: One round trip Burns Lake - Smithere, two nound trips Houston - Smithere, three days/week + Connector to Wet'suwet'en Village	NEW: 8ums Laks	1.5	Light Duty	1,800	4,400	\$15,400	\$318,800	\$60,200	\$151,300	\$90,000	\$153,600
Proposed New Service D	ptions: Segme	nt 3 - Haza	Hone Aree	to Terrace	-						
Option 3b: Hazeltons Area - Temace, one round trip Tussday and Thursday, two round tripe Saturdays and lest Thursday of month	EXISTING; Hazetions Regional	t.0	Light Duty	2,080	5,100	\$17,900	\$271,800	\$52,700	\$141,200	\$80,000	\$110,700
Proposed New Service O	otions: Segme	nt 4 - Terre	ce to Princ	e Rupert							
Option 4b: Prince Rupert - Terrace, two round tripe/day, three days per weak	EXISTING: Skeena Regional	2.0	Light Duty	1,590	4,100	\$14,400	\$276,900	\$37,900	\$104,600	\$120,000	\$133,200
Proposed Enhanced Serv	ice Options: S	egment 5 -	Hazeltons	Ares (Incli	uding Mo	ricetown) to	Smithers				
Option 5b: Smithers - Moricetown Weekdary Peak Service Plua Saturdary Service & System Spare	EXISTING: Smithere & District	1.0	Light Duty	910	3,200	\$8,500	\$140,600	\$20,500	\$53,800	\$60,000	\$60,100
Option 6: Hazeltons - Smithere additional service to align with 3 day/week regional trips along comidor	EXISTING: Hazeltons Regional	0.0	Light Duty	760	1,500	\$3,000	\$75,100	\$22,100	\$50,000	50	\$32,500

* Costs based on 2016/17 AOA Amounts + 5-10% rate increase for potential inflation, contract and vehicle type impects + New System contingency + 10% contingency

** "Enhanced Provincial Cost-Sharing" is based on provincial share of 100% vehicle lease fees, 66.69% operating costs and applies only to new service segments. "Under Traditional Local GovL Cost-Sharing" shows what the local amount would otherwise be under existing Local Government transit cost-sharing agreements for similar styles of service.

*** Half vehicles shown for Burns Lake options indicate sharing of vehicle spares between service segments.



2.0 Fares

The proposed fares for the service were generally well supported by the engagement responses.

Highway 16 Inter-Community Transit Proposed Fares

Proposed Fares	Cash fare each trip	\$5.00
(valid on Regional Service only)	Tickets, sheet of 10	\$45.00

- All passengers would pay a cash fare (proposed \$5.00) or one ticket each time they board the bus.
- A separate fare is required to connect to any local transit systems.
- Children aged five and under travel free when accompanied by a fare-paying guardian.
- BC Bus Pass —a universal bus pass available to lower income seniors and people with a disability administered through the BC Ministry of Social Development and Social Innovation—could be used on all Highway 16 transit services.



Two issues that emerged through engagement feedback and resulting recommendations are as follows:

- 1. Separate fare for shorter, local trips: A number of participants and community leaders asked if less expensive local fares for shorter trips could be offered, particularly in cases where regional service will overlap with existing transit (i.e. Telkwa to Smithers, Gitaus to Terrace, etc.).
 - BC Transit's recommendation: That a separate local fare on the new regional services <u>not</u> be offered at the time of implementation but instead be evaluated after service is up and running. While a separate local fare may be confusing, the main risk with offering it from the outset is that it may impact available capacity on board buses. (Standees are not allowed on the light-duty vehicles proposed for the service).

It would be prudent to start the service and be able to monitor the level of overall passenger demand before layering on lower cost trips.

Similarly, integrating fares with local systems—to better facilitate transfers between local and regional services—could also be examined at a later date.

One case where a lower fare could be considered at time of implementation is for the Moricetown-Smithers service proposed for the Smithers & District Transit System. Since two zone travel between Telkwa and Smithers is \$2.75, it may make sense to apply the same zone system to Smithers-Moricetown travel. This may also mean making an adjustment to the zones and fare structure on the Hazeltons Regional Transit System for that same segment.



- 2. Alignment with existing Skeena Regional and Hazeltons Regional fares: Presently the regional fare for services operating between the Hazeltons area and Smithers and Kitimat/Kitamaat Village and Terrrace is \$4 not the \$5 proposed for the new Highway 16 services.
 - BC Transit's recommendation: Regional fares on the Hazeltons system last increased in June 2008 and on the Skeena system in July 2010. From a consistency point of view, it would be advantageous to bring these into alignment with other regional fares in the corridor.

3.0 Infrastructure and Bus Stops

Proposed stop and shelter locations were generally supported in the engagement. Detailed feedback has been discussed and refined with BC Transit, Ministry of Transportation and

Infrastructure and respective local governments, First Nations and property owners and that process continues.

Notable changes to shelter and stop locations are captured in section 1.2 for each of the service area segments and Appendix A provides the full summary of all proposals to date.

Note that stop locations will continue to be refined through the implementation process. Similarly, once service begins it will be possible to consider further infrastructure to support stops, such as bus pull outs required to help access rural settlements where viable pull outs or parallel roads do not exist today.



4.0 Policies and Outreach

A number of considerations had previously been presented in tandem with service proposals, including developing contingency strategies for severe weather, mechanical breakdowns and high ridership trips. Similarly, previous information has also noted that a marketing, communications and outreach strategy is required to support the implementation of service.

In addition to what has been previously described, engagement highlighted these other items which should also be considered as part of any service implementation by BC Transit and its partners:

- The need for space on transit vehicles for luggage/parcels.
- Clarification around policies regarding youth travel
- Clarification around policies relating to transit vehicles picking up hitchhikers as well as ensuring onboard safety for passengers.
- Continued communication and outreach in terms of how the proposed transit services work in tandem with existing end-to-end transportation providers (particularly Greyhound and Northern Health Connections) and connecting services via the Community Transportation Grant program.

5.0 Recommendations and Next Steps

The revised proposals presented in this document are based on the results of public engagement and discussions to date with area First Nations and local governments. This document meets the deliverables outlined in the Memorandum of Understanding signed with local governments to provide recommended options for inter-community transit service along the Highway 16 corridor.

The present document is being provided in draft form to enable further comment and direction as desired from participating local governments, First Nations and Regional Transit Committees. In mid-November 2016 the document will be finalized and posted to the BC Transit website.

In tandem with the opportunity to provide final comment, it should also be noted that the path to implementing service now lies with area local governments and their partners. BC Transit and the Ministry of Transportation and Infrastructure (MoTI) have confirmed funding, fleet aveilability and procurement processes for all of the options presented and have also confirmed staff aveilability to support local agreement and cost-sharing discussions.

Recognizing the tremendous need for transportation options on Highway 16, BC Transit and MoTI staff stand ready to expedite the implementation of servica in each of the segments. We also recognize that in accordance with the *BC Transit Act*, approval to move forward with service rasts with each segment's sponsoring local government. The timing of local approvel therefore has a critical impact on timing of implementation and the launch of new or expanded services.

The next sections describe the suggested path to implementation for each of the segments.

5.1 Recommended Governance and Procurement Strategy

Based on operational considerations and discussions to-date with local governments, the following table describes the recommended transit system, sponsoring local government and transit committee, and the procurement or agreement process that would apply to each service option and its implementation.

- Sponsoring Local Government refers to the local government that would be the formal signatory for a service agreement with BC Transit. Formal decisions on routes, service levels, fares and budgets would be made by that organization's council or board, with input from the respective Transit Committee.
- **Transit Committee** refers to the body of local partners—including other local governments, First Nations and participating institutions/organizations—who contribute to local transit through a local funding agreement. Committees typically act as the discussion forum for transit partners and would normally make recommendations on routes, servica levels, fares and budgets to the sponsoring local government.
- Transit System Management Company refers to the organization that would operate the service through contract, either through an amendment to of an existing agreement with BC Transit or through a Request for Proposals process.

Recommended Governance and Procurement Strategy for Each Service Option

Transit System	Operating Hub	Sponsoring Local Government	Transit Committee	Transit System Management Company Procurement/Agreem ent Process	Recommended Transit Options Encompassed
Bulkley Nechako Paretransit (New)	Burns Lake (TBD)	Regional District of Bulkley- Nechako	Bulkley Nechako Regional Transit Committee (in process of being established)	Request for Proposal process to select a new transit management company.	 Option 1b – Burns Lake to Prince George Option 2b – Burns Lake to Smithers
Smithers & District Paratransit	Smithers (Telkwa)	Town of Smithers	Smithers & District Transit Committee (expanded as desirad to include additional members)	Amendment of existing agraement with Smithers & District Community Services Society	Option 5b – Smithers to Moricetown
Hazeltons Regional Paratransit	Hazeltons (Two Mile, with contingency support from Terrace to Gitwangak)	Regional District of Kitimat- Stikine	Hazeltons Regional Transit Committee (expanded as desired to include additional members)	Amendment of existing agreement with First Canada ULC	 Option 3b – Hazeltons Area to Terrace Option 6 – Hazeltons Area to Smithers
Skeena Regional Paratransit	Terrace	Regional District of Kitimat- Stikine	Skeena Regional Transit Committee (expanded as desirad to include additional members)	Amendment of existing agreement with First Canada ULC	Option 4b – Terrace to Prince Rupert



5.2 Recommended Path to Implementation - Suggested Next Steps

- 1. Sponsoring local government convenes meeting of respective transit committee to discuss and confirm:
 - Option(s) to be recommended for approval*
 - New or additional members to be added to the committee (Note that the Bulkley-Nechako Regional Transit Committee is in the process of being established).
 - Local cost-sharing apportionment agreed among members
 - Recommendation to sponsoring local government to move forward with implementation and diract staff to develop and sign an Implementation Agreement Memorandum of Understanding with BC Transit
- Recommendations received and approved by sponsoring local government board or council. To expedite process, potentially this approval may be made with a "subject to" clause noting that final approval is pending final confirmation of participation by local funding partners.
- 3. Implementation Agreement Memorandum of Understanding developed by BC Transit in conjunction with sponsoring local government.
 - This document will note work to be done and confirm timelines for implementation, subject to obtaining final approvals.
 - A "soft launch" implementation of transit service requiring minimal marketing materials, changes to underlying transit systems and using an existing operating company may require up to 60 days of lead time from the date of signing. An implementation requiring a RFP process may take up to five months from the date of signing. Timelines will be confirmed as part of the Implementation Agreement.
- 4. BC Transit begins preliminary implementation work, including:
 - Detailed scheduling and operational planning
 - Development of a marketing and communications plan
 - Negotiation of contract amendments with existing transit management companies or the issue of a Request for Proposal to select a new company.
- 5. Local partnership agreement developed by sponsoring local government.
- 6. Resolution sought from funding partners to become part of agreement.
- 7. Transit function and local agreements approved by the sponsoring local government.
- 8. Transit system agreements finalized and sent by BC Transit and approved by the local government.
- 9. Transit service begins, in conjunction with marketing campaign and outreach.

* Note that changes to each of the transit systems could be implemented independently from each other. Based on further discussion with BC Transit and the transit management company, it may also be possible to phase implementation within transit systems, such as to "soft launch" additional trips and then integrate them into existing base transit service and materials at a later date.

6.0 Conclusions

The engagement process for the Highway 16 Inter-Community Transit Service has been an in depth and collaborative process, drawing on expertise from a wide variety of decision-makers, community members and staff from diverse professions. Overall, the proposals have received positive responses. The revised options and recommendations highlighted in this letter and presented in the attached report are based on the feedback received to date and aim to provide the best value to communities within the resources presented.

BC Transit supports the recommendations and the Ministry of Transportation and Infrastructure has confirmed provincial funding through the Highway 16 Action Plan. Staff at both organizations stand by to support implementation based on the feedback of local decision makers.

It is recommended that all local governments and First Nations receiving this letter **provide** feedback on revised draft service, fare, infrastructure and policy proposals by November 10. (Please contact us if your meeting schedule will not allow you to meet this deadline).

Furthermore, in order to move forward to implementation, it is recommended that their respective Transit Committees and sponsoring Local Governments:

- Select and approve their service option(s)
- Direct staff to work with BC Transit to create, finalize and sign an Implementation Agreement Memorandum of Understanding that will initiate the implementation process, commence infrastructure implementation, and enable BC Transit to undertake contract negotiations and/or a procurement process with operating companies for the new service.

Following local signature of an Implementation Agreement Memorandum of Understanding between BC Transit and the sponsoring local government, the detailed work to implement service would then begin.

BC Transit October 2016



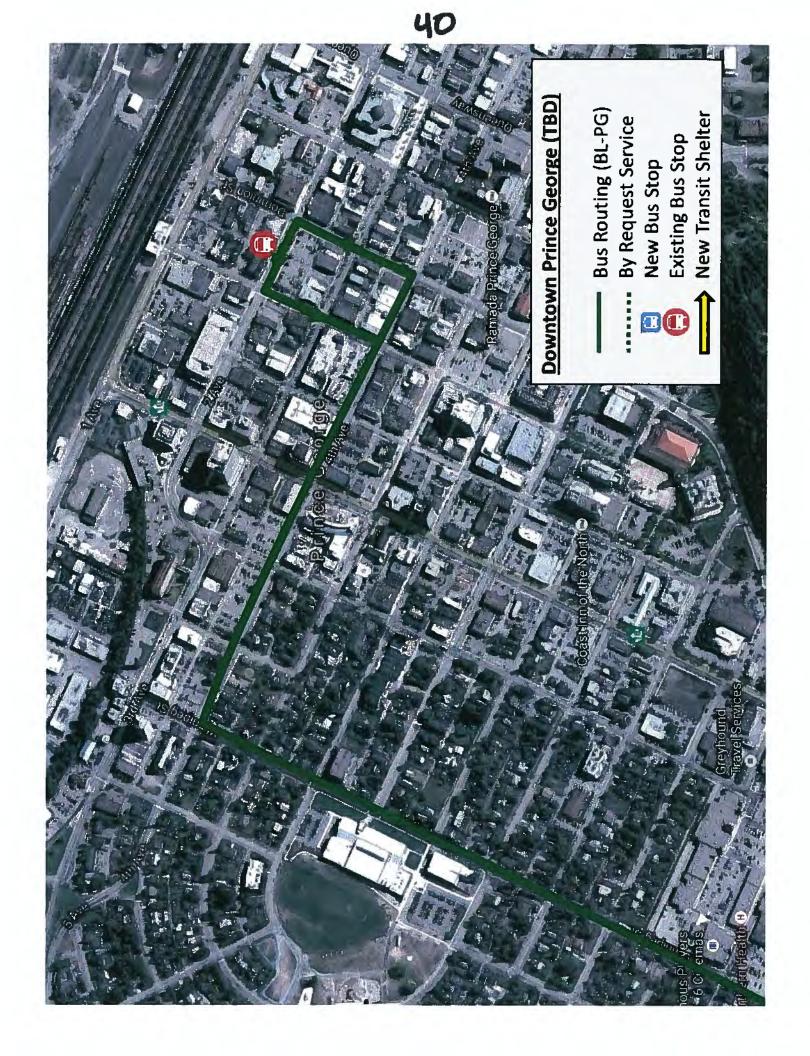
APPENDIX A Highway 16 Action Plan: Inter-Community Transit UPDATED: Detailed Route and Stop Locations*

Version: October 24, 2016



* Updated routing and stops reflects key outcomes from Public Engagement and outreach to local governments and First Nations August to September 2016. Routing and stops in some areas are still subject to further discussion and may be subject to minor changes .











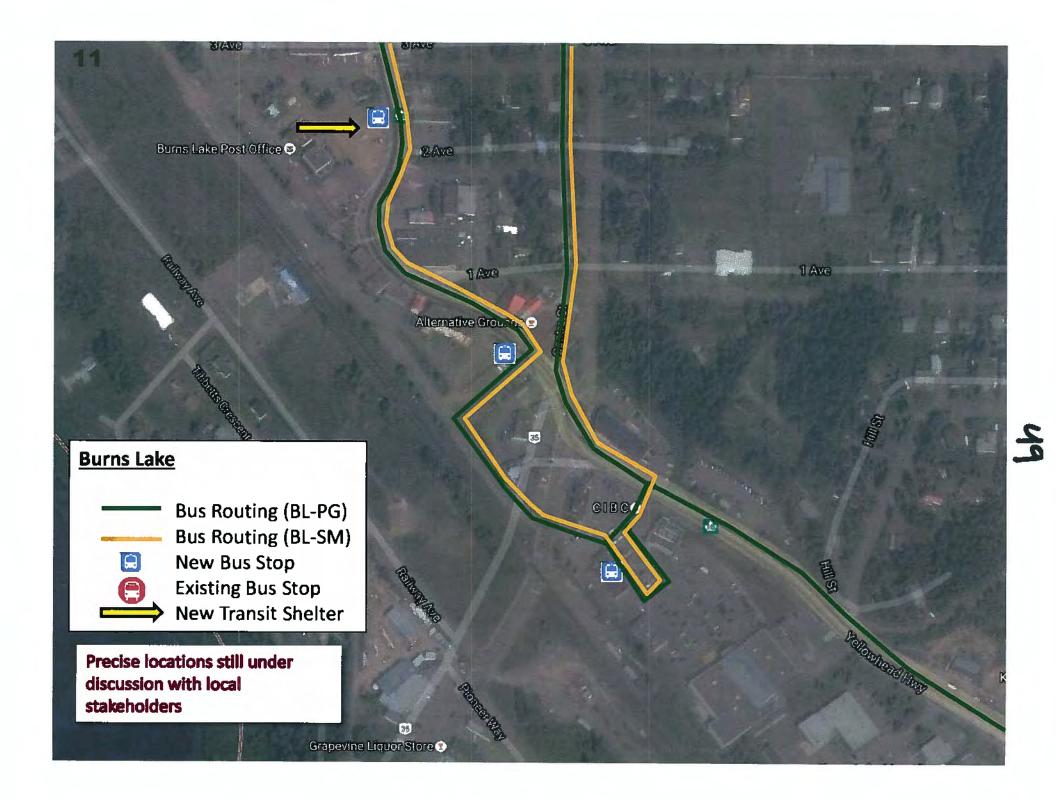
















Wet'sutwet'en First Nation



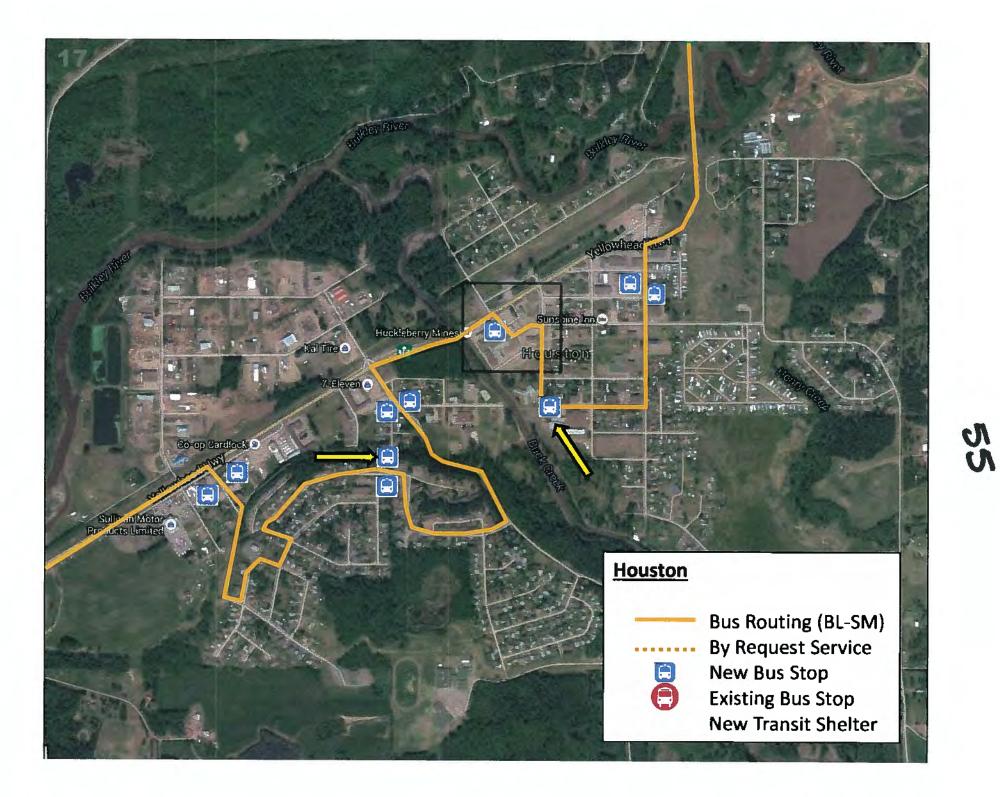
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 Bus Routing (BL-SM)
 By Request Service New Bus Stop
 Existing Bus Stop
 New Transit Shelter

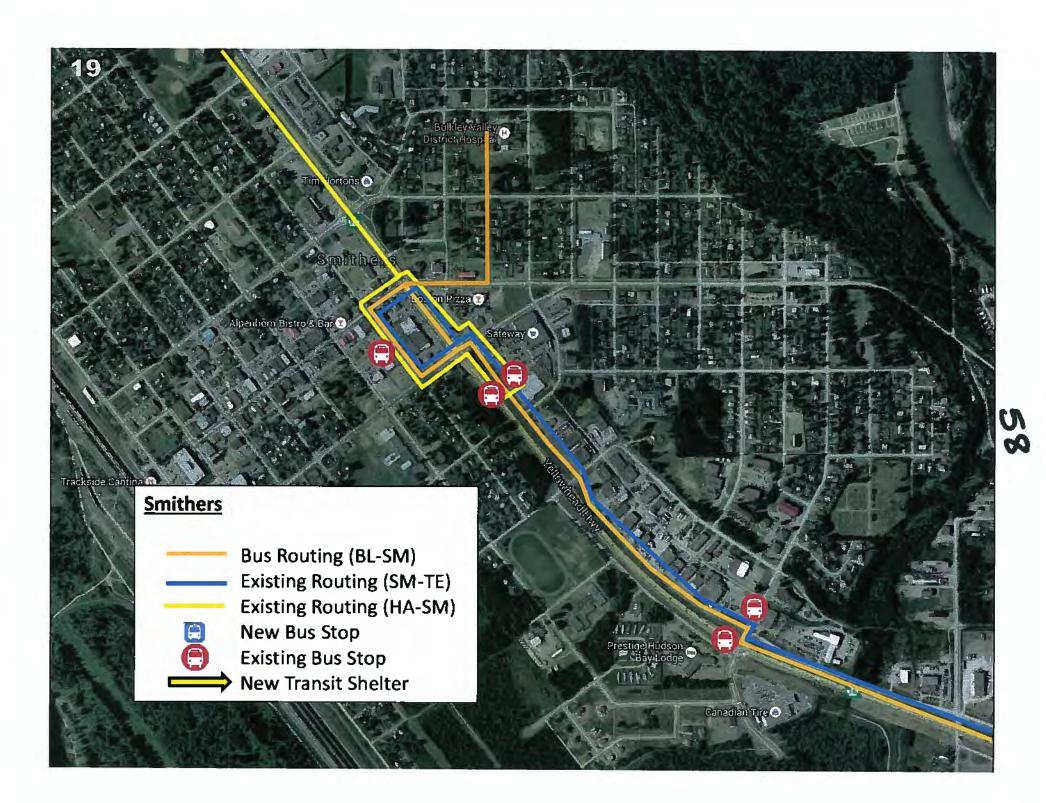


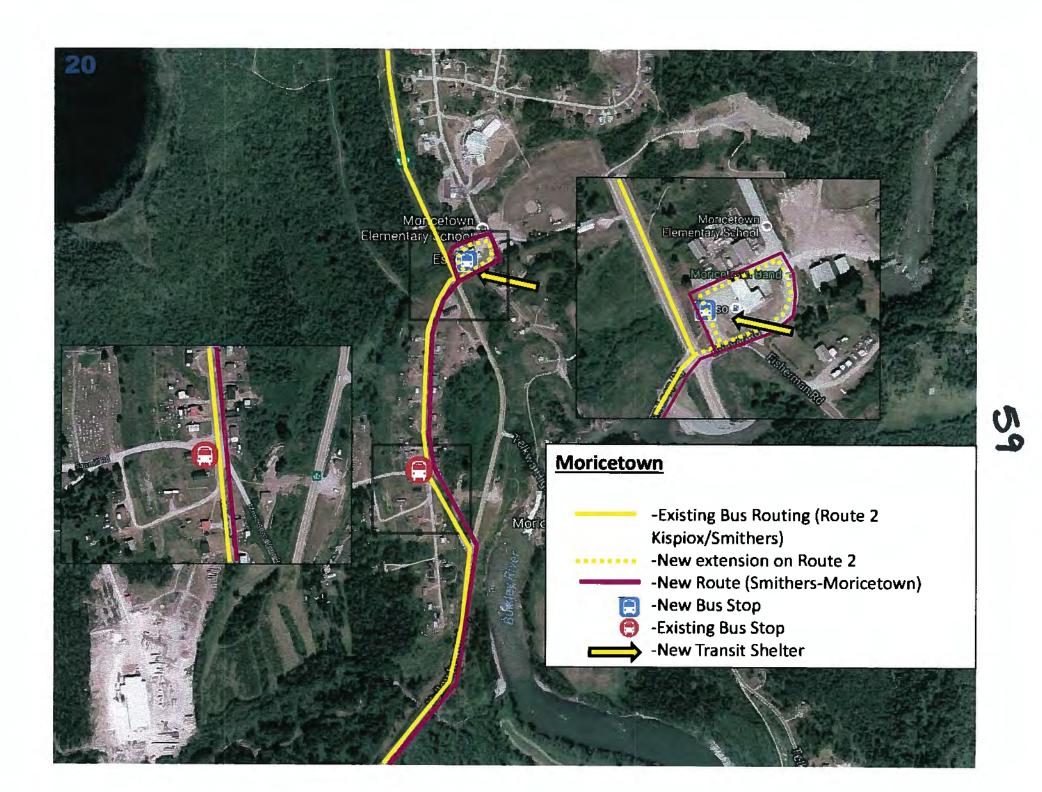




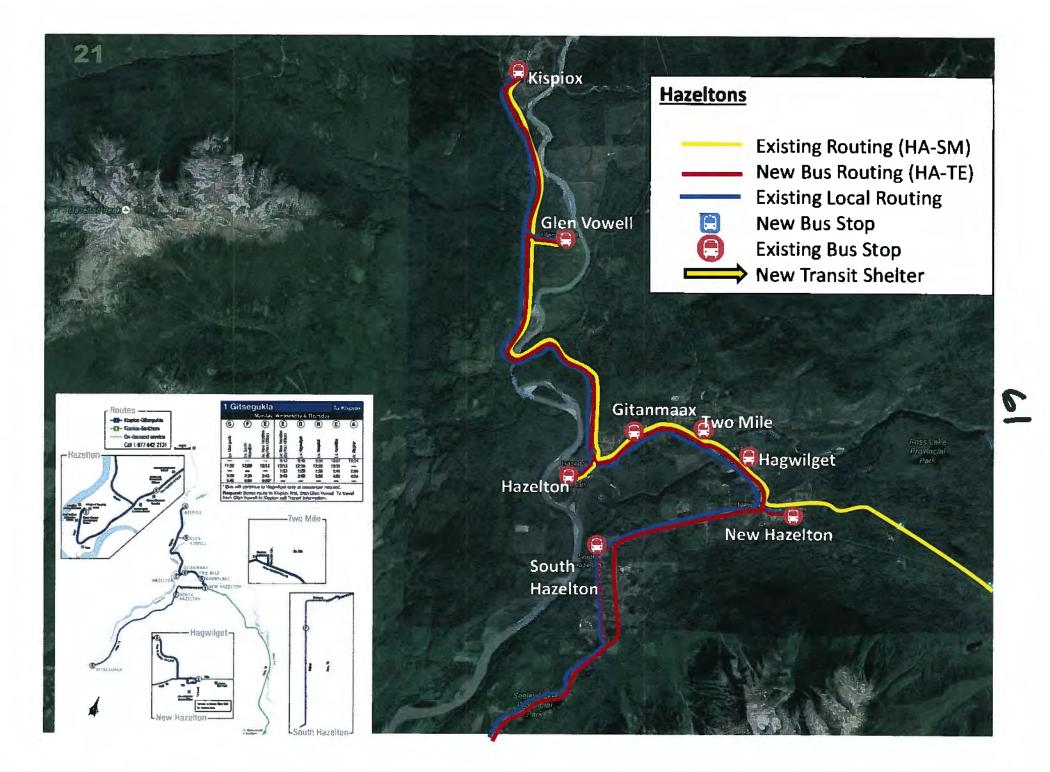


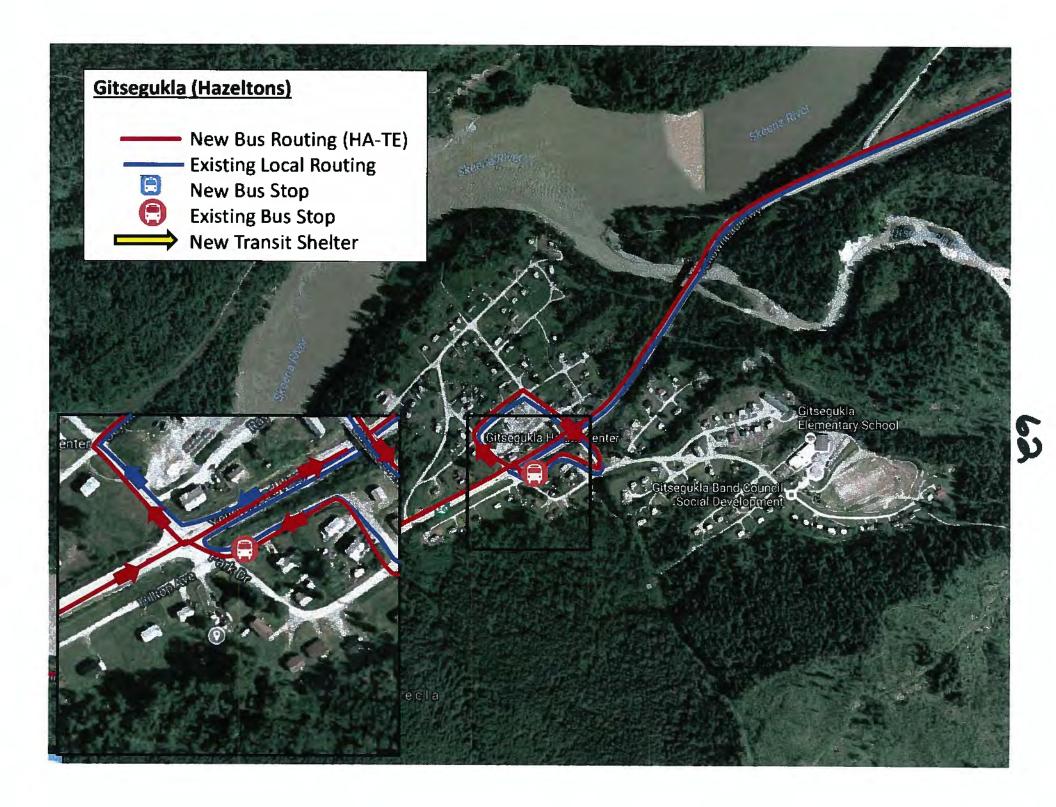






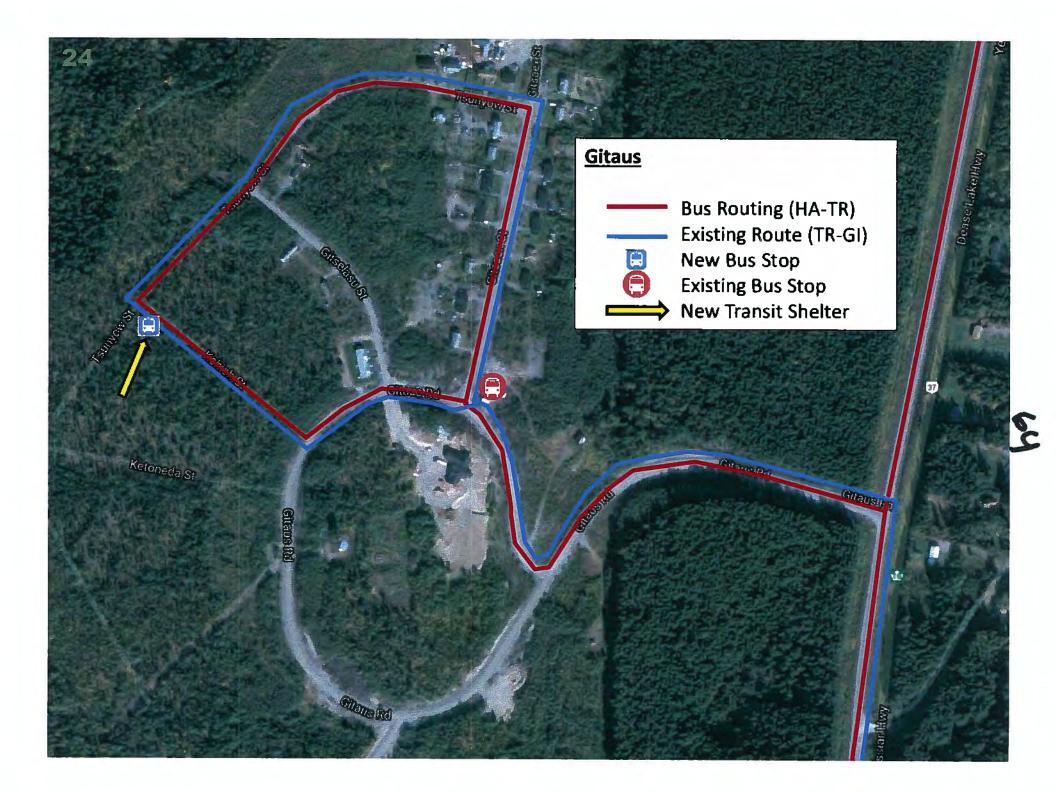


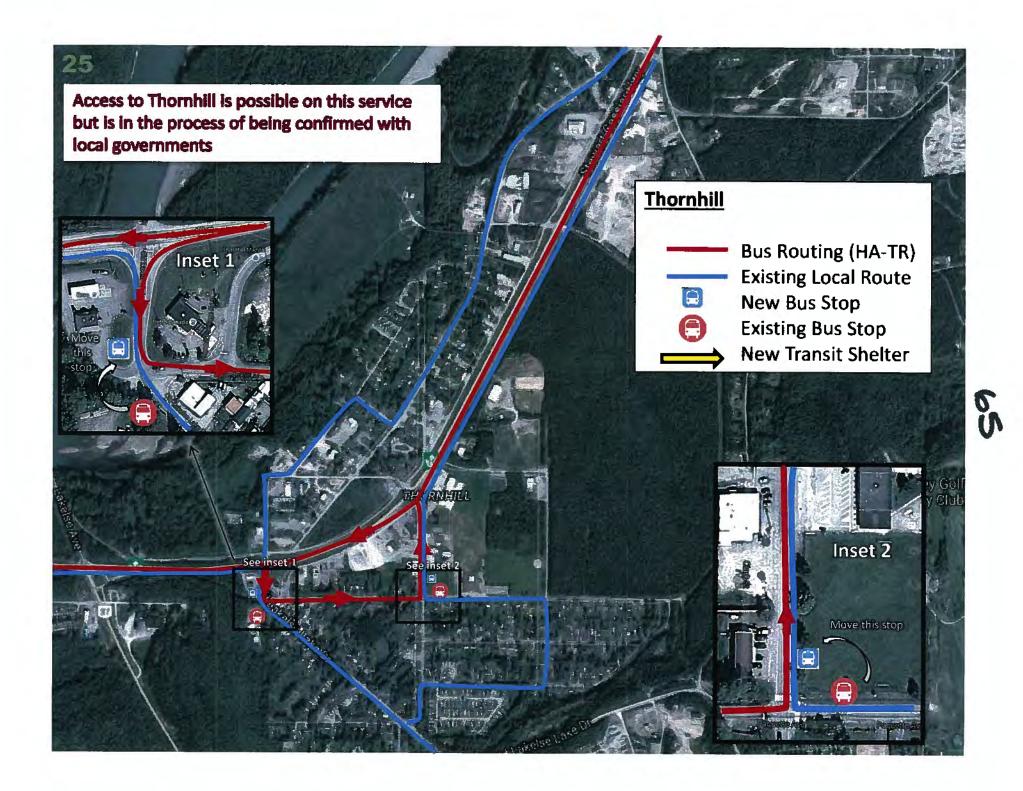


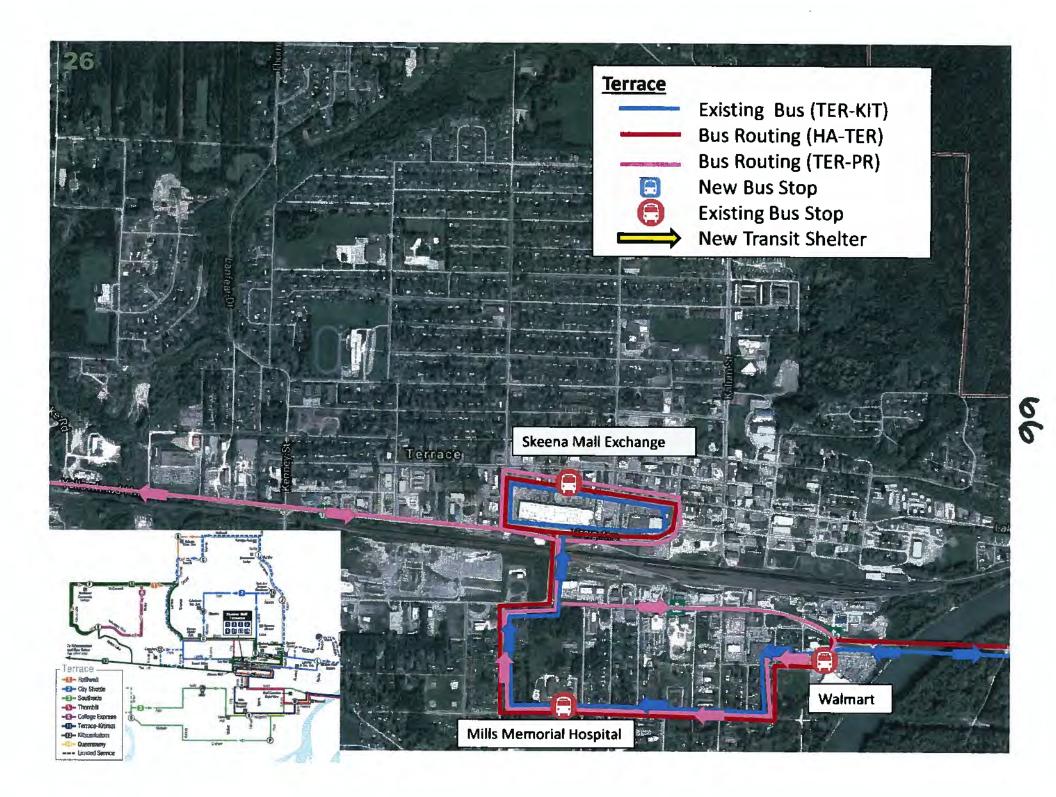


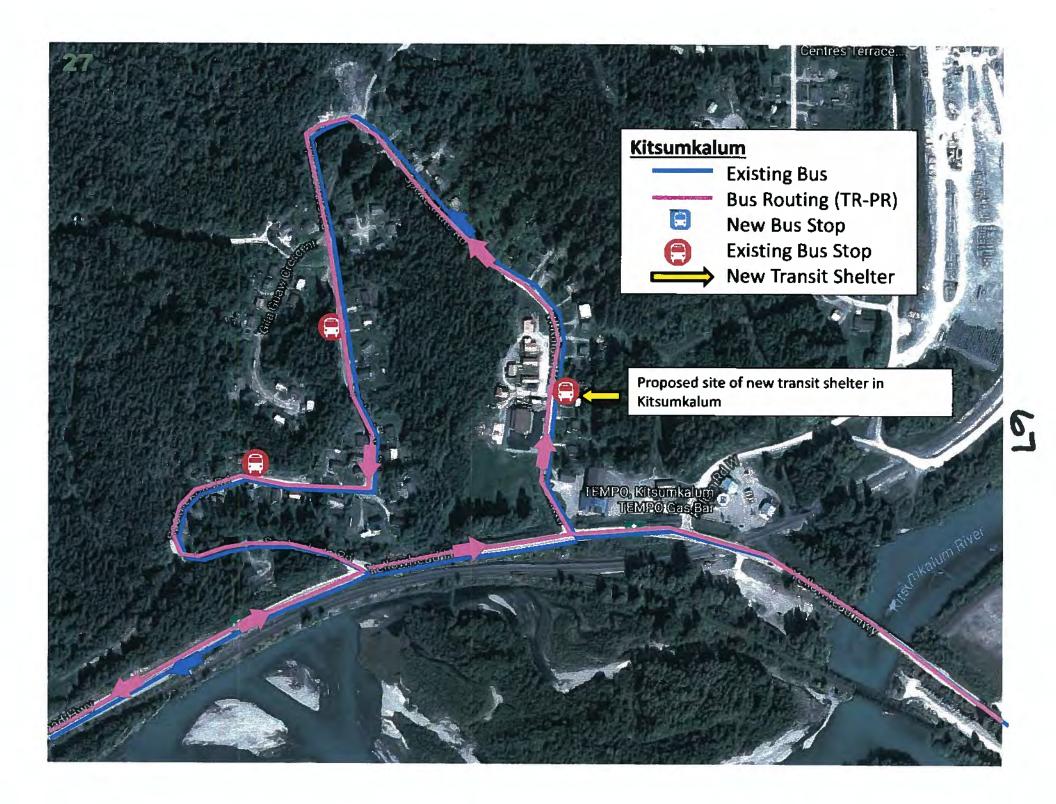
Gitwangak / Kitwanga Bus Routing (HA-TR) Bus routing (HA-GI) – Extension of Route 1 Kispiox/Gitsegukla **New Bus Stop Existing Bus Stop** New Transit Shelter Gitwanga. he Skeena River Steamen Rilven N&V Johns 🕅 🤗 OUNSUL SE ***Additional discussions on future transit shelter locations and implementation timeline still required

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Terms of Reference for the Bulkley-Nechako Regional Transit Service Committee

Purpose:

To serve as an advisory body to the Regional District of Bulkley-Nechako regarding the transit service; consisting of the local government and first nations partners of the Highway 16 Regional Transit Service (Burns Lake to Smithers pod and Burns Lake to Prince George pod).

Specifically:

- 1. To advise on extensions or changes to the existing service
- 2. To advise on fares and fare changes
- 3. To receive and review the service budget in a Closed meeting
- 4. To advise on infrastructure needs
- 5. To serve as a communications vehicle between local, First Nation and provincial partners as well as stakeholders and operating staff on system progress, issues and opportunities

Authority:

Local Governments

- Regional District of Bulkley Nechako (RDBN)
- Town of Smithers
- Village of Telkwa
- District of Houston
- Village of Granisle
- Village of Burns Lake
- Village of Fraser Lake
- District of Fort St. James
- District of Vanderhoof
- City of Prince George (by way of agreement)
- Regional District of Fraser-Fort George (by way of agreement)

First Nations

- Office of the Wet'suwet'en
- Burns Lake Band
- Binche Keyoh
- Cheslatta Carrier Nation
- Lake Babine Nation
- Nadleh Whut'en Band

- Nak'azdli Band
- Nee Tahi Buhn Band
- Saik'uz First Nation Band
- Skin Tyee Band
- Stellat'en First Nation
- Takla Lake First Nation
- Tl'azt'en Nation
- Wet'suwet'en First Nation
- Yekooche First Nation
- Carrier Sekani Tribal Council
- Moricetown Band

Legislation

Local Government Act Sections 218 and 263

Mandate:

The Bulkley-Nechako Regional Transit Service Committee is established under the *Local Government Act* Sections 218 and 263 to provide advice to and assist the Regional District of Bulkley-Nechako and BC Transit regarding transit service changes, fares, improvements, marketing, ridership, efficiencies, long term funding and governance, as well as to act as a forum for discussing and communicating transit system progress, issues and opportunities by local government and First Nation funding partners.

Membership:

The Committee shall consist of:

- a) One (1) voting member from each of the local government funding partners Councils, excluding RDBN
- b) One (1) voting members from each electoral area of the RDBN Board of Directors at the discretion of the Chair,
- c) One (1) voting member from each of the First Nations funding partners
- d) Staff from the local governments, Ministry of Transportation and Infrastructure (MOTI), BC Transit and the Transit Service Provider, who will attend meetings as required as non-voting members.

Procedure:

- 1. All appointments to the Bulkley-Nechako Regional Transit Service Committee must be made annually by the local governments and First Nations identified above.
- 2. The Committee will nominate and appoint a Chair.
- 3. The Committee will nominate and appoint a Vice Chair.
- 4. The RDBN Procedure Bylaw, as amended from time to time, applies to all meetings of the Bulkley-Nechako Regional Transit Service Committee.

- 5. A quorum shall be a majority of the total voting membership.
- 6. The Committee will meet as required, but not less than once per year, with meetings to be held at a location determined by the Bulkley-Nechako Regional Transit Service Committee.
- 7. Minutes of each Committee meeting shall be kept by RDBN and forwarded to the local governments and First Nations identified above, and to MOTI and BC Transit staff for information.
- 8. The Bulkley-Nechako Regional Transit Service Committee is not a budgetary decision making body. It forwards recommendations on service levels, routing, fares and investment priorities for consideration to the local government which is signatory to the agreement.
- 9. No direct budget is given to this committee. All recommendations from the committee that involve budgetary expenditures will be approved by the local government which is signatory to the agreement.
- 10. The Committee will endeavour to seek public input when appropriate.
- 11. The responsibility for coordinating the meetings, taking the minutes and providing a teleconference line if required will be assumed by RDBN.
- 12. The mandate of the Committee shall be reviewed upon each agreement renewal or change.
- 13. Any funding partner may opt out of participation in the Bulkley-Nechako Regional Transit Service Committee by giving one year notice in writing to the Committee.