

## **Annex A4:** Round 6 APEP Materials

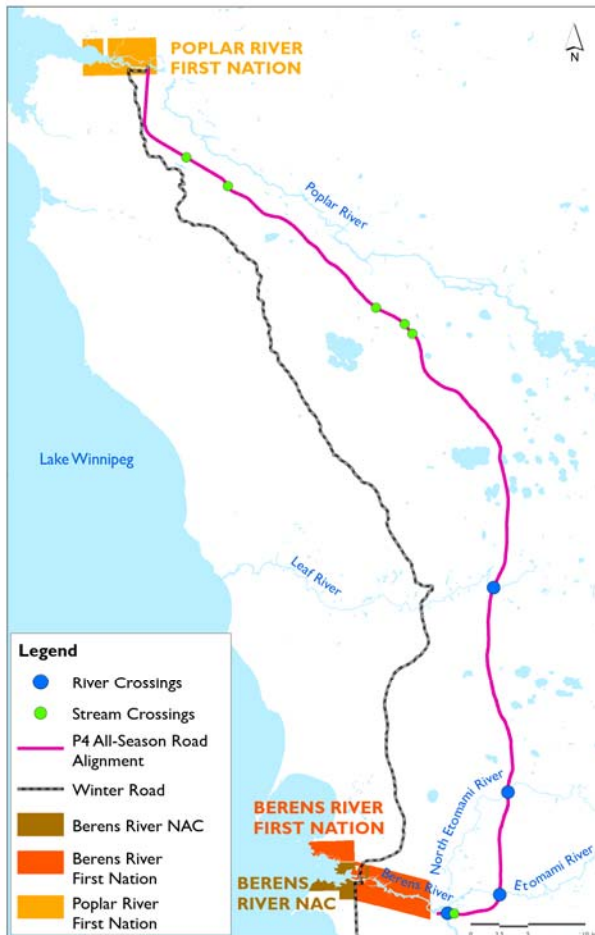
**Annex A4-1:**  
Poster – Berens River First Nation  
Community Meeting (Round 6)

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# BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD

AUGUST COMMUNITY MEETING

The East Side Road Authority (ESRA) is hosting a Community Meeting to discuss the proposed all-season road project between Berens River First Nation and Poplar River First Nation.



## Berens River School

Thursday, September 10, 2015

Doors open 6:00 pm

Presentation 6:30 pm

Discussion until 8:30 pm



The Community Meeting is an opportunity to discuss the proposed all-season road project and potential mitigation measures as part of the Environmental Assessment process. We want to hear your views on this proposed all-season road.

For more information on the Community Meeting or the East Side Transportation Initiative, please contact:

[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca) 1-866-356-6355



Photo by Jarrod Boscow

**Annex A4-2:**  
Newsletter Handout – Berens River First  
Nation Community Meeting (Round 6)

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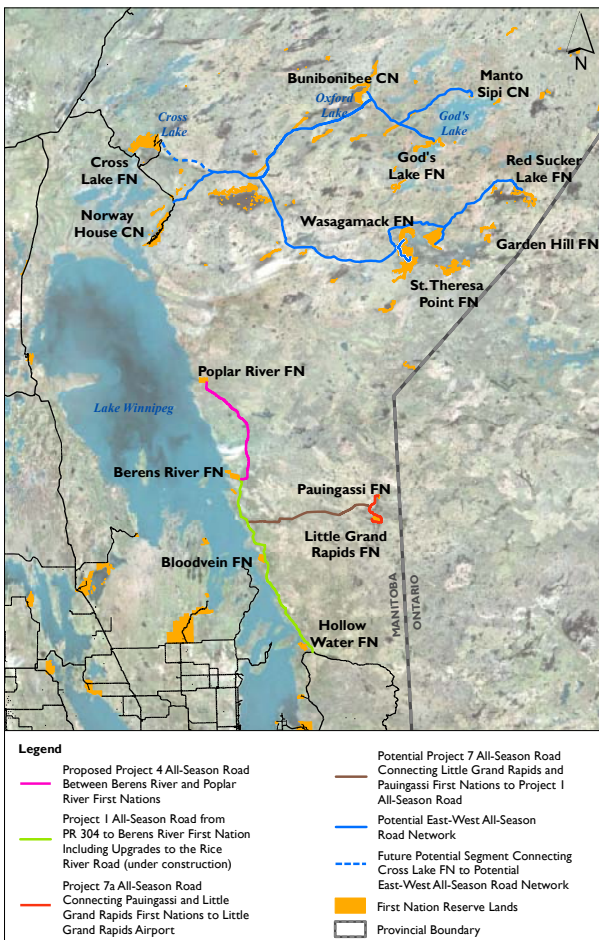
# COMMUNITY NEWSLETTER

## SUMMER 2015

Every day is another step closer to an all-season road for families living on the east side of Lake Winnipeg. It has long been a dream for many residents to have an all-season road - improving access for such things as medical appointments, reducing the costs of goods like groceries and fuel, and making it easier for family and community members living away to visit. The proposed Berens River to Poplar River all-season road is just one piece of the proposed road network being planned, designed and built on the east side of Lake Winnipeg.

### Update on the East Side Transportation Initiative

In 2000, the communities on the east side of Lake Winnipeg delivered a report to the Manitoba government called "Promises to Keep". The report provided recommendations on where government should focus their long-range planning activities for the east side of Lake Winnipeg including increased economic development opportunities and improvements to the transportation network.



The Manitoba East Side Road Authority (ESRA) has been mandated by the Manitoba government to oversee the planning and construction of the all-season road network on the east side of Lake Winnipeg. The new road network will provide improved, safe and more reliable transportation services to remote and isolated communities on the east side of the lake and provide economic opportunities for local residents. The proposed all-season road network for the region will be approximately 1,028 km in length and cost an estimated \$3 billion (2011 dollars).

To date, 50 km of all-season road has been built to Bloodvein along with four permanent bridges. An additional 92 kilometres of right-of-way clearing has been completed towards Berens River. Three modular steel bridges have been installed which dramatically extend the winter road season in the Island Lake area. In addition, 233 kilometres of exploratory clearing has been undertaken along future road alignments on the east side of Lake Winnipeg.

# COMMUNITY NEWSLETTER

## SUMMER 2015

### What is the Berens River to Poplar River All-Season Road?

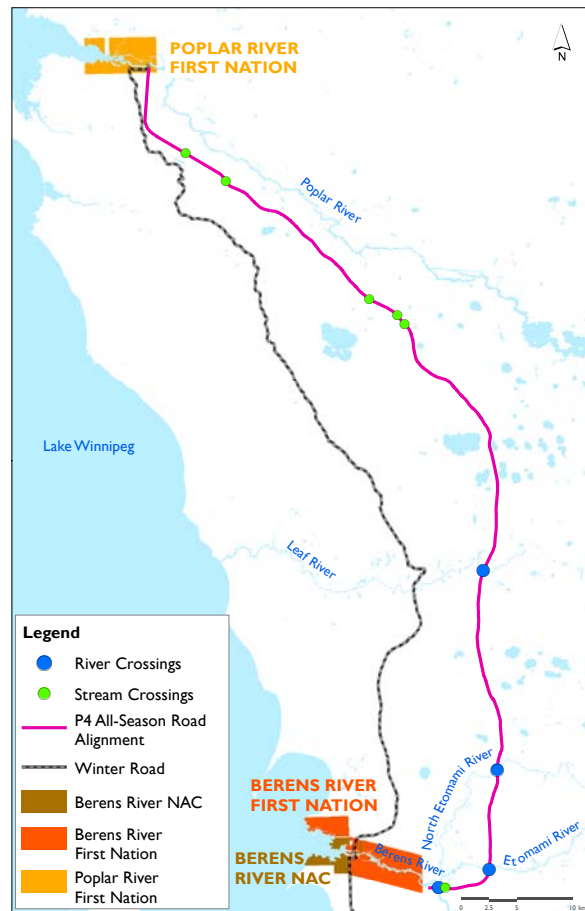
This section of the all-season road network is 94 kilometres long and will include four river crossings (Leaf River, North Etomami River, Etomami River, and Berens River), and six stream crossings.

ESRA has been working closely with First Nation leaders and community members in both Berens River and Poplar River to confirm the road alignment between the two communities. Local input and suggestions have been incorporated into the refinement of the proposed road alignment and into the design. For example, the proposed road alignment has been moved away from sensitive areas identified by the communities and other stakeholders.

### Environmental Impact Assessment (EIA)

An Environmental Impact Assessment (EIA) is required by federal and provincial government regulators for the all-season road. The EIA is used to predict the possible effects of the project on the environment and must be approved by the regulators before construction can start. The goal of the EIA is to identify ways of avoiding or minimizing potential negative effects of the project to the environment. The EIA considers many factors such as:

- Possible effects on wildlife, fish, birds and other species
- Possible disturbance to sensitive land
- Comments and ideas of local residents
- Potential interaction with community land use activities
- Ways the environment can affect the project like fire, floods and climate change.



BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD

# COMMUNITY NEWSLETTER

## SUMMER 2015

### Community Engagement

Communities like Berens River and Poplar River play an important role in the EIA process for road projects on the east side of Lake Winnipeg. Community members have historical knowledge and understanding of their lands and environment which helps ESRA plan the best project possible. The Manitoba government has been interacting with communities on the east side of the Lake since 2000. A number of community meetings have been held this spring and summer in both Berens River and Poplar River to gather information from elders, Chief and council, and other community members. A meeting was also held in Winnipeg to reach out to community members who live in Winnipeg, as well as the general public.



### Community Meetings - What We've Heard So Far

The communities of Berens River and Poplar River shared important information with the ESRA team during these meetings. This included:

- Moose and caribou and their habitats are important for the local communities
- There are sensitive areas that need to be avoided or protected and ESRA's proposed road alignment changes have been well received
- Hunting along the road alignment and during construction should be restricted while access to traplines should be maintained
- Bridges or other river/stream crossing structures should consider continued access by motorized boats, canoes, and snowmobiles
- Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Ongoing communications with communities is important as the project moves forward.



# COMMUNITY NEWSLETTER

## SUMMER 2015

### Next Steps

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The input provided by communities and other stakeholders is important to ESRA and will be factored into the EIA and the design of the project. Another series of community and stakeholder meetings for the EIA are taking place this summer and fall. These meetings will provide the opportunity to engage community members, Chief and council, elders, trappers, harvesters, and other stakeholders. An additional meeting will be held in Winnipeg for those who are not able to attend the in-community meetings and for other stakeholders.



Discussions at these meetings will focus on:

- Providing updated project information
- Reviewing what we heard from you and others
- Discussing ways of avoiding or minimizing potential negative effects of the project.

Notices will be posted in communities in advance of the meeting dates.

### Contact Us

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We want to hear from you. Feedback and input from community members is critical to building the all-season road. Please provide your comments on the attached page.

Or if you have any questions or comments, please contact us at :



#### **Manitoba East Side Road Authority**

200 - 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8

Phone: 204-945-4900 in Winnipeg

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)

**BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD**



**Annex A4-3:**  
Comment Sheet – Berens River First  
Nation Community Meeting (Round 6)

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# COMMENT FORM

Your feedback and input is important in helping us plan the best possible project. Do you have comments, ideas, or information you would like us to consider for the all-season road between Berens River and Poplar River? Please write your comments below and use the back if necessary.

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Please fax or email to ESRA, or drop off at your local Band office.

If you have any questions or comments, please do not hesitate to contact us at :



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200 - 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8  
Phone: 204-945-4900 in Winnipeg  
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BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD



**Annex A4-4:**  
Presentation – Berens River First Nation  
Community Meeting (Round 6)

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# **EAST SIDE TRANSPORTATION INITIATIVE**

## **Berens River to Poplar River All-Season Road**



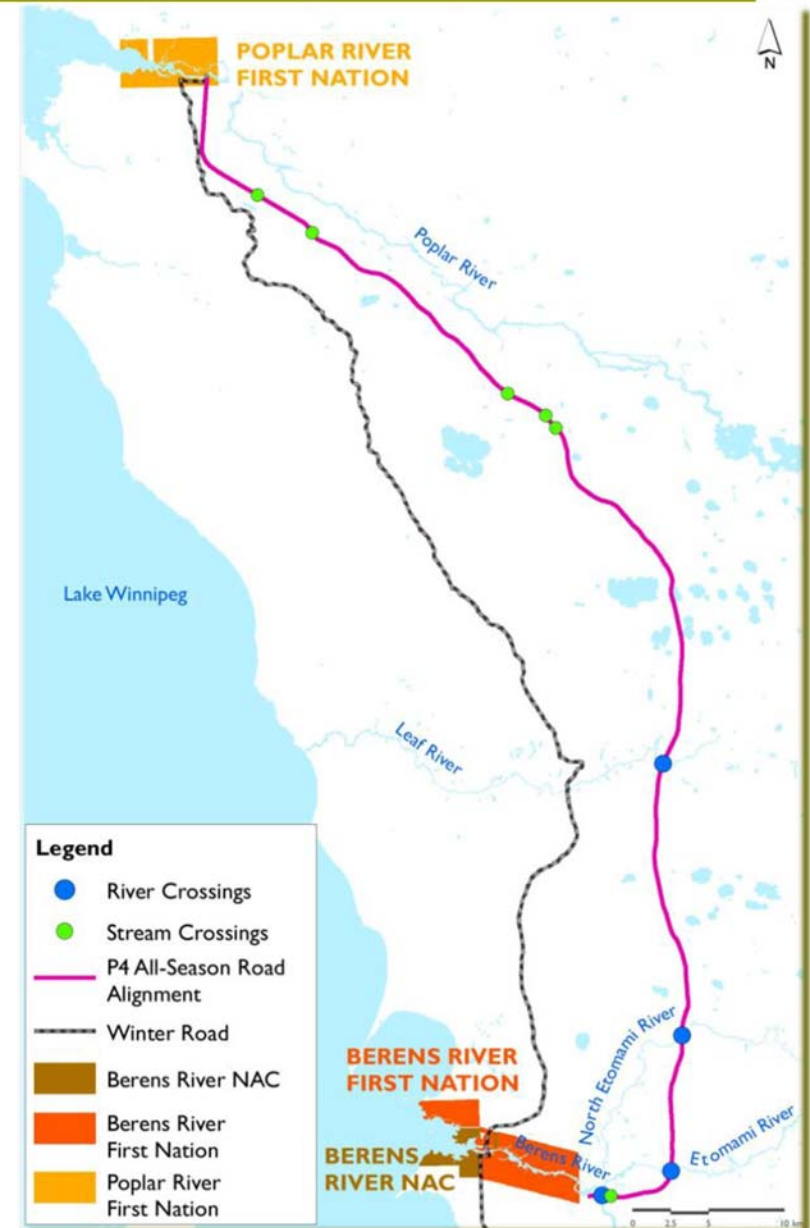
**Presentation to  
Berens River First Nation**

September 10<sup>th</sup> , 2015

## Why are we here?

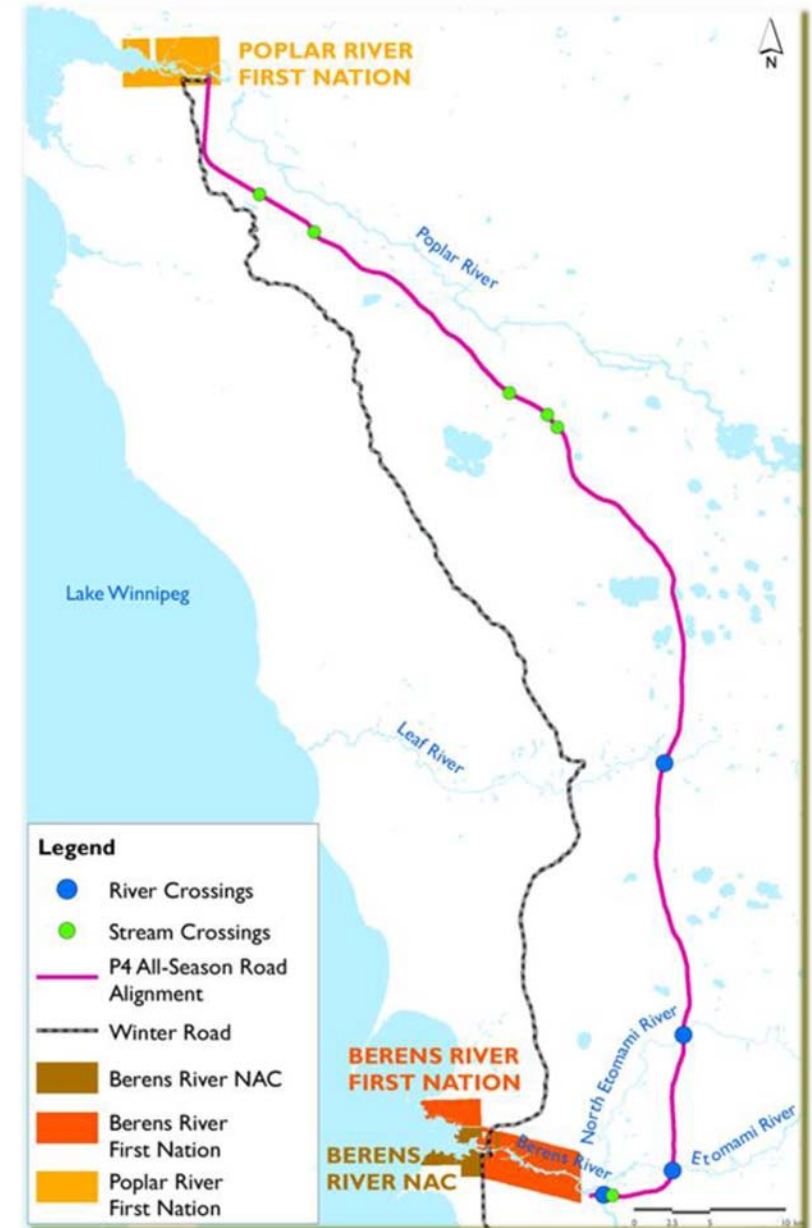
### We are here today to:

- Provide updated project information
- Review what we have heard from your community
- Discuss ways of avoiding or minimizing potential negative effects resulting from the project



## Overview of the Project

- 94 km all-season road connecting Berens River with Poplar River includes:
  - Bridge crossings of 4 rivers:
    - Berens River
    - Etomami River
    - North Etomami River
    - Leaf River
  - Culvert crossings of 6 unnamed streams
  - Equalization culverts at multiple locations



**Background Planning**

- 2000 Feasibility Study - assesses transportation options and the feasibility of a road network on the east side of Lake Winnipeg
- 2004 East Side Planning Initiative - generates "Promises to Keep" that identify all-season road planning as a priority objective

**Route Corridor**

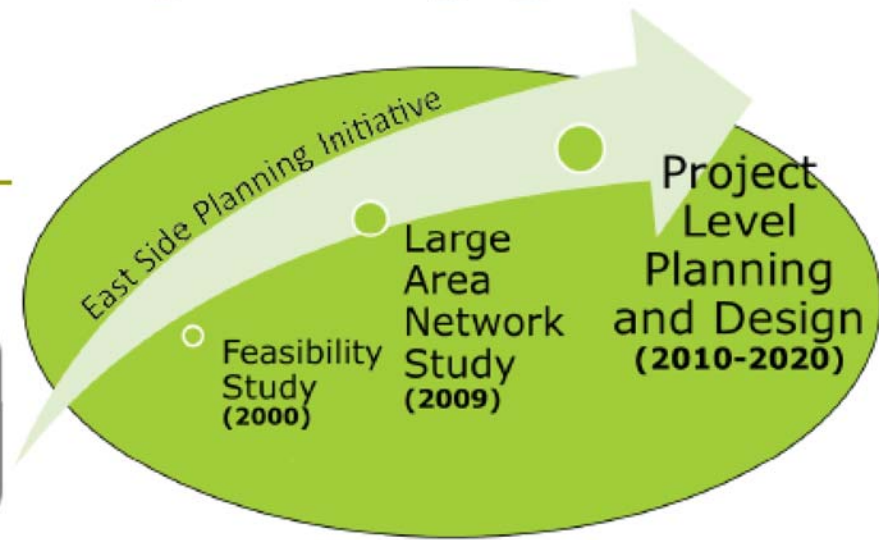
- 2009-2011 Large Area Network Transportation Study
- Assesses network options and recommends route corridors
- Identifies possible road alignments

**Road Alignment**

- 2012 - 2013 Road Alignment Selection
- Local communities and other stakeholders assist with the selection of preferred alignment to study in greater detail

**Final Alignment**

- 2013 - 2015 Environmental and Engineering Studies
- Environmental Impact Assessment to consider possible effects and mitigation
- Refinement of road alignment based on findings of baseline and engineering studies and community, stakeholder and public input



## Prior Community Discussions

Previously ESRA has met with:

- the Berens River community
- the Poplar River community
- Asatiswipse Aki Ma Ma  
Wichitowin Mutual Land  
Relationship Board & elders
- Winnipeg-based community  
members



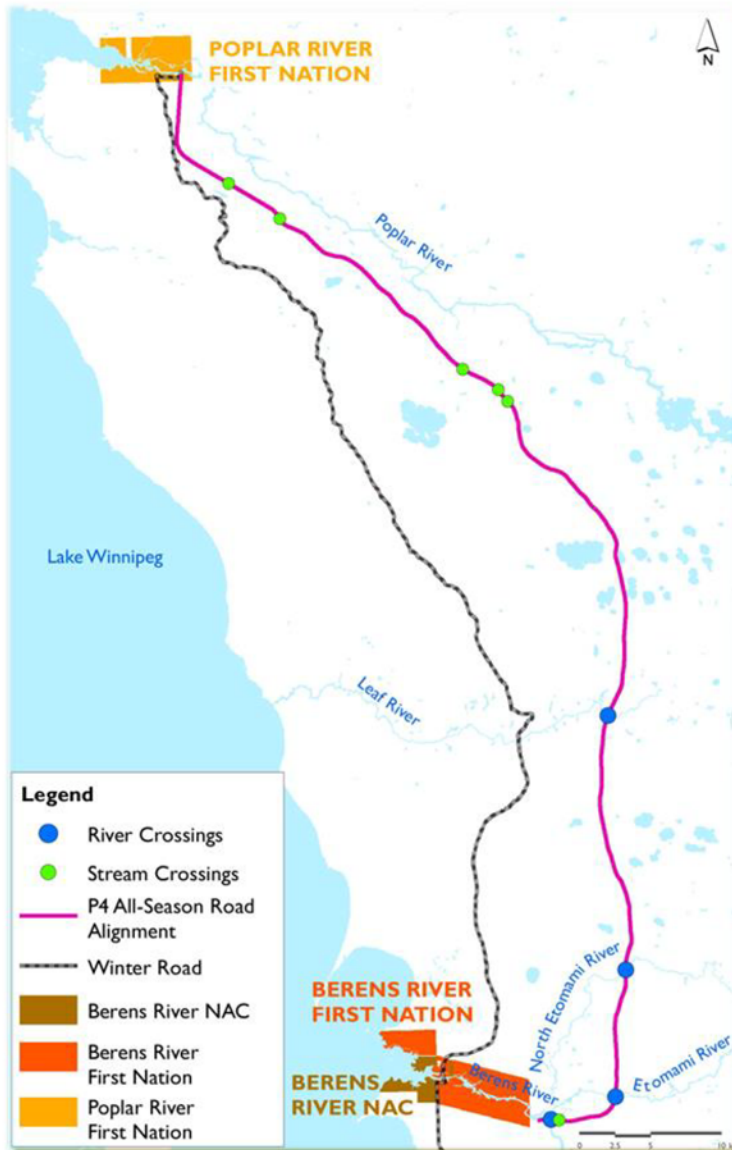


## What We Heard at April & May 2015 Meetings

- ❑ Support to build the all-season road
- ❑ How to get information about job opportunities
- ❑ Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- ❑ On-going communication as the project progresses



## What We Heard at April & May 2015 Meetings



- How Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to address sensitive areas
- Travel routes (i.e. trails and waterways) and access to trap lines be maintained and protected
- Restrict hunting along the road alignment and during construction

## What We Heard at April & May 2015 Meetings

- ❑ Protect sensitive sites and areas, prohibit access during construction
- ❑ Moose, caribou, and their habitats are important valued components
- ❑ Sensitive lifecycle stages (i.e. fish spawning) to be considered
- ❑ Potential effects of construction noise and blasting on sensitive areas



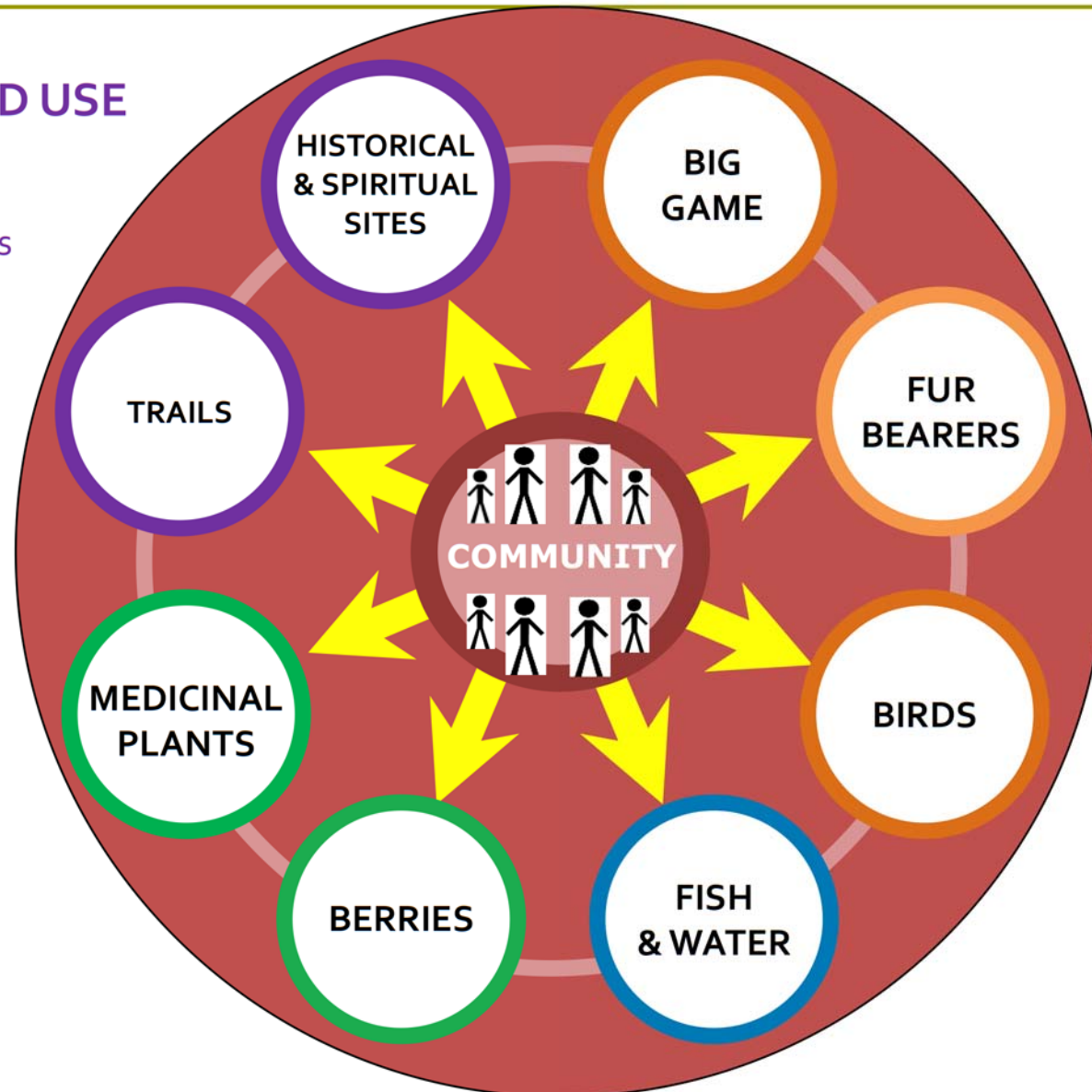
# Traditional Knowledge & Land Use

## CULTURE & LAND USE

- TLU
- Resource use
- Historical resources

## WILDLIFE

- Wildlife
- Biodiversity



## VEGETATON

- Wetlands
- Forestry
- Biodiversity

## FISH & WATER

- Fish
- Hydrology
- Water quality
- Aquatic ecology
- Hydrogeology

## What We Want to Talk About Today



“Mitigation” means ways to:

**Avoid**

**Reduce**

**Repair**

**Offset**

**Monitor**

potential negative effects of the project

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation



Minimize extent of  
clearing and maintain  
treed buffers

### Change in habitat



Restrict timing of clearing  
to fall and winter



Revegetate disturbed  
areas with native plant  
species

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict construction  
worker activity to project  
area only

Accidental  
collisions with  
vehicle



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods  
(e.g. calving)



Maintain sightlines  
through mowing and  
brushing, reduce speed  
limits, and use signage



## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation

Increased  
public access



Restrict construction  
worker activity to project  
area only



Block and reclaim  
temporary access roads  
following construction

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation



Maintain access to  
traplines and trails  
during and following  
construction

Increased  
public access



Restrict hunting from  
road

## Possible Effects & Mitigation – Aquatics

### Possible Changes



### Suggested Mitigation

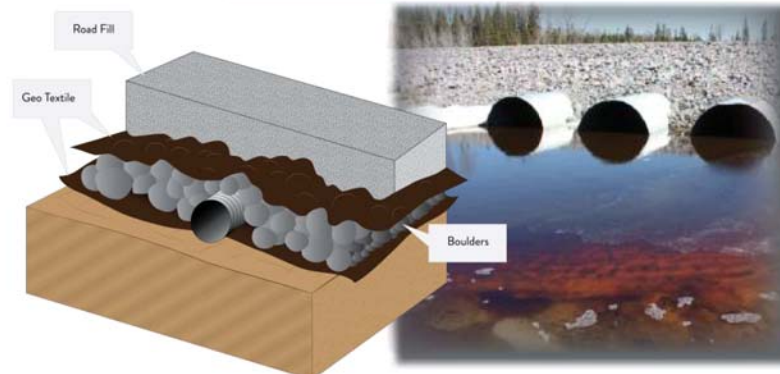
Disturbance from construction activities



Restrict construction worker activity to project area only



Avoid discharge and spills of sediment and fuel through proper management practices



Design culverts for unrestricted passage and natural flows

## Possible Effects & Mitigation – Aquatics & Birds

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods



Avoid and protect  
active nesting/spawning  
areas and maintain  
undisturbed no-go zones

## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Removal of  
vegetation  
along  
alignment and  
borrow sites



Minimize extent of  
clearing and maintain  
treed buffers



Map important heritage  
and traditional use areas



Revegetate disturbed  
areas with native plant  
species

## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes

Loss or damage  
to heritage,  
cultural, and or  
community use  
sites and objects  
from construction  
activities



### Suggested Mitigation



Map important heritage,  
cultural, or community  
use sites and objects  
prior to construction



Identify and maintain  
undisturbed no-go zones  
and buffers



Relocate sites or objects

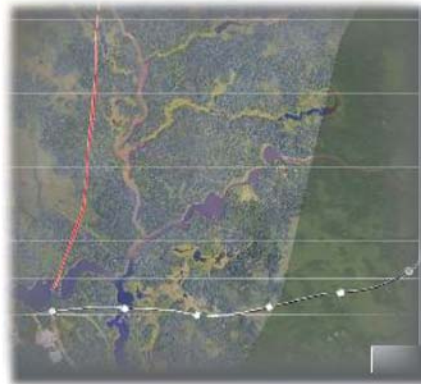
## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Loss of “At Risk”  
plant species



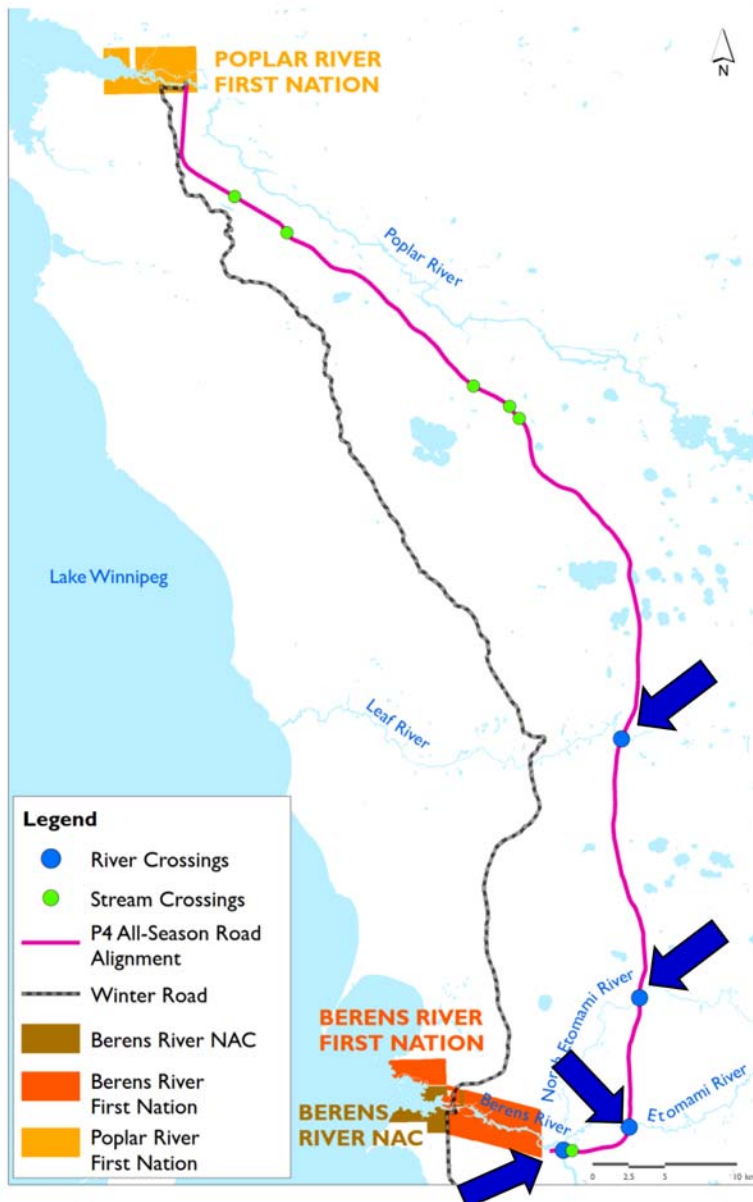
Map plant species of  
concern in baseline  
studies and implement  
protection plans

Changes to  
animal  
populations or  
distribution  
affecting harvest



Protect animal  
populations  
(see animal boards)

## Possible Effects & Mitigation – River Crossings



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes



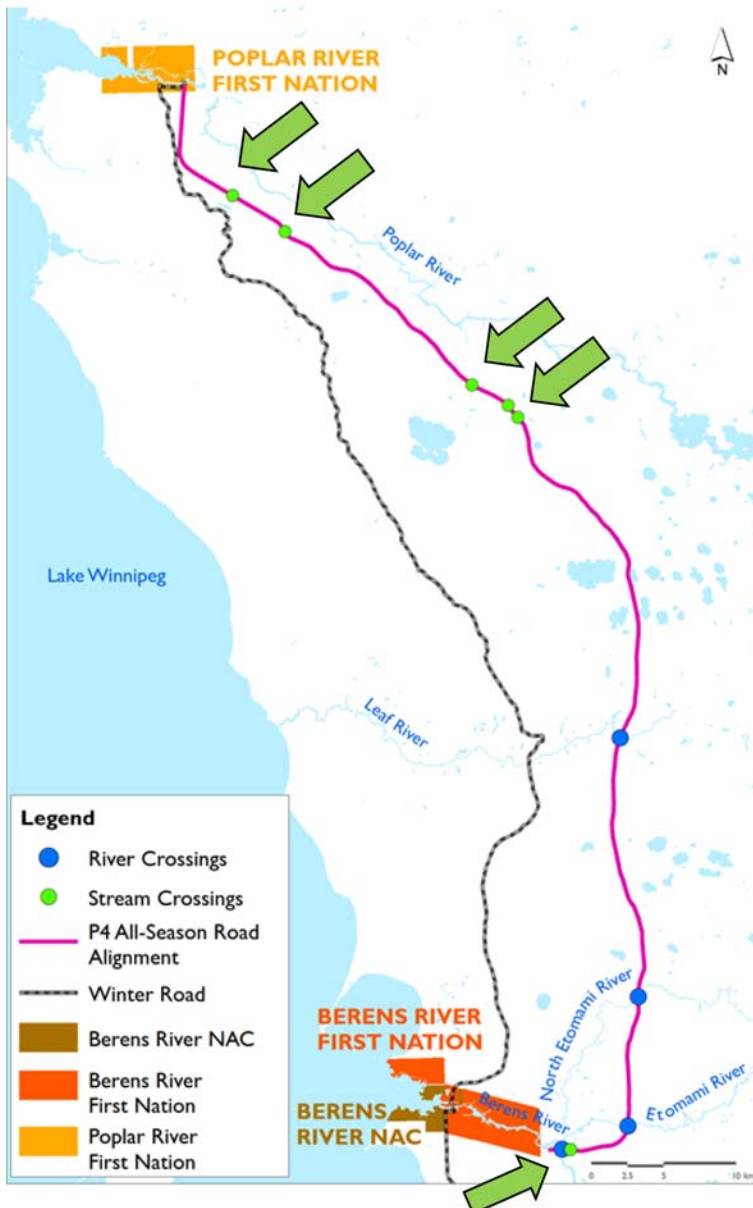
Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges



## Possible Effects & Mitigation - Stream Crossings



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe

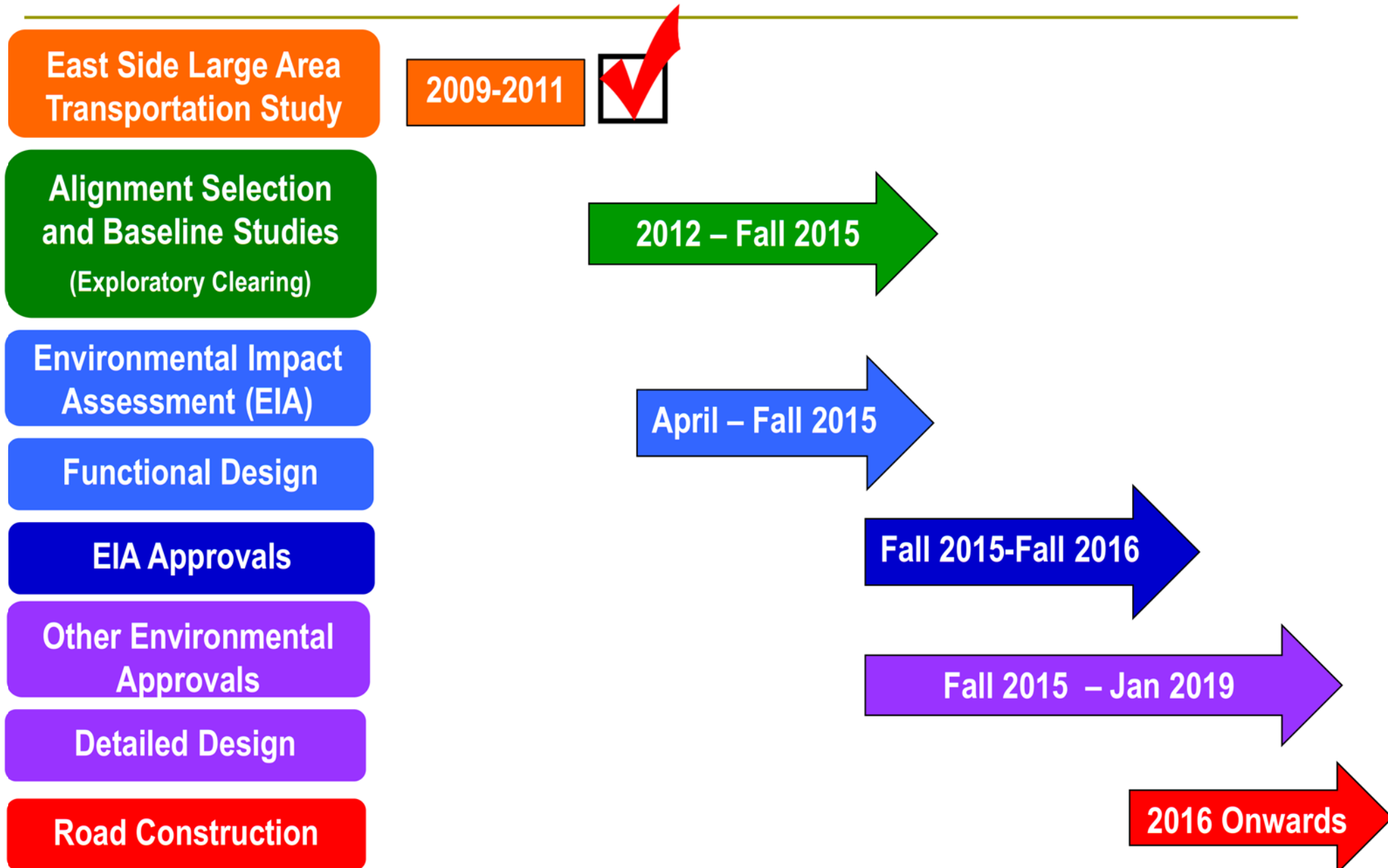


Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around culverts

# Schedule



- ❑ Meeting in Winnipeg with community members and public
- ❑ Finalize the EIA document and submit to federal and provincial regulators
- ❑ On-going communications and dialogue with the communities



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***Please stay and talk with us***

**Manitoba East Side Road Authority**

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

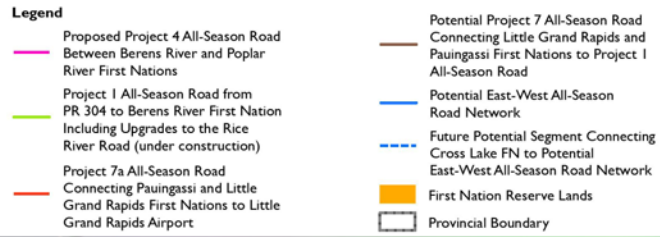
[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)



**Annex A4-5:**  
Display Boards – Berens River First Nation  
Community Meeting (Round 6)

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# PROJECT OVERVIEW



This project consists of **94 km** of all-season road connecting Berens River First Nation to Poplar River First Nation.

There will be:

- 4 river crossings at:
  - Leaf River
  - North Etomami River
  - Etomami River
  - Berens River
- 6 stream crossings
- Equalization culverts at multiple locations

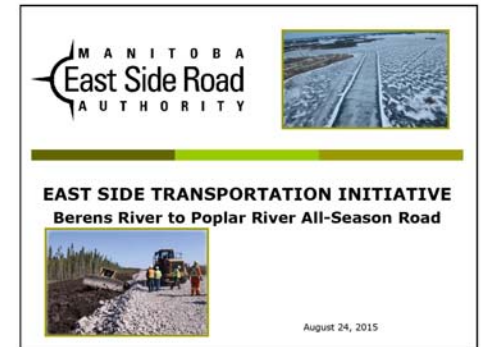
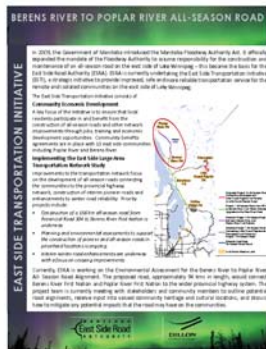
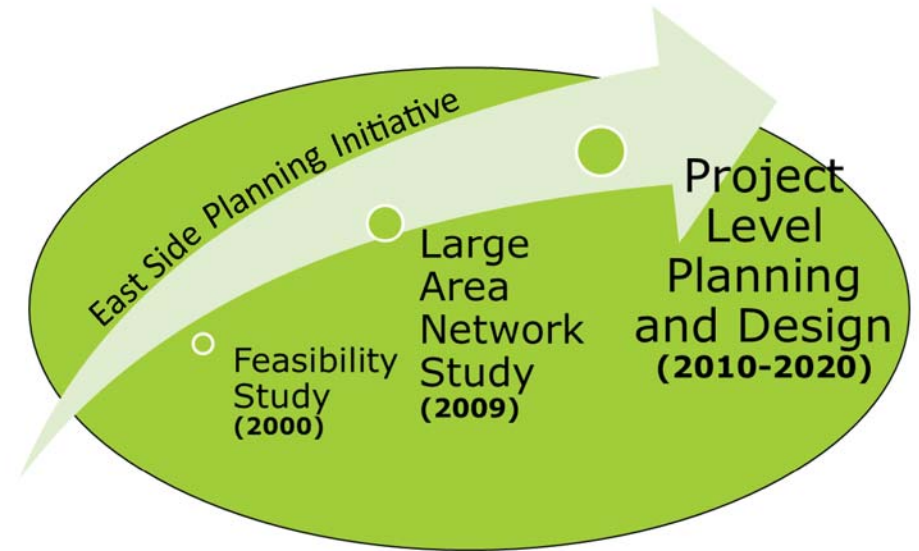


# ALL-SEASON ROAD PLANNING



The Manitoba government began engaging and planning for all-season roads with communities on the East Side of Lake Winnipeg through the 2000 Feasibility Study and the 2009 Large Area Network Study.

In 2015, as part of the Environmental Impact Assessment (EIA) process, ESRA continues to engage and have conversations with communities, elders, Chief and council, other stakeholders, and the public.



## EIA ENGAGEMENT

As part of the Berens River to Poplar River All-Season Road Project, ESRA is discussing the project in terms of:

- Refinement of proposed road alignment
- Valued Components to be considered
- Environmental site conditions
- Potential project effects and measures to avoid or reduce those effects
- Construction employment and training



The most recent meetings were held with communities on:

**Poplar River**  
April 23, 2015  
May 26, 2015  
August 24, 2015

**Berens River**  
April 30, 2015  
May 21, 2015  
September 10, 2015

**Winnipeg-based community members  
and the general public**  
May 28, 2015



## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Support to build the all-season road
- Questions about how to get information about job opportunities
- Request to provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Request for on-going project-specific communication provided as the project progresses
- Explanations about how Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to avoid sensitive areas



Traditional Knowledge



Cultural Activities



Alignment Changes



Job Opportunities

## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Request to protect sensitive sites and areas, consider setbacks, restrict access, and erect temporary barriers to prohibit access during construction
- Confirmation that moose, caribou, and their habitats are important valued components
- Request for sensitive lifecycle stages (i.e. spawning fish) to be considered
- Request for travel routes (i.e. trails and waterways) and access to traplines to be maintained and protected
- Support for restricting hunting along the road alignment and during construction
- Interest in the potential effects of construction noise and blasting on sensitive areas



Access Restrictions



Caribou



Nesting Areas



Travel Routes





# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	Image	Suggested Mitigation	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
			MOOSE	CARIBOU	FUR-BEARERS	
Change in habitat		Minimize extent of clearing and maintain treed buffers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Restrict timing of clearing to fall and winter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Revegetate disturbed areas with native plant species	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Accidental collisions with vehicles		Maintain sightlines through mowing and brushing, reduce speed limits, and use signage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?		
	MOOSE	CARIBOU	FUR-BEARERS			
Disturbance from construction activities		Restrict construction worker activity to project area only	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Restrict high-noise activities (e.g. blasting) during sensitive periods (e.g. calving)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Increased public access		Block and reclaim temporary access roads following construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Restrict hunting from road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# BIRDS, FISH, REPTILES, & AMPHIBIANS





## POSSIBLE CHANGES → SUGGESTED MITIGATION

Change in habitat		Minimize extent of clearing and maintain treed buffers around waterbodies
		Restrict timing of clearing to fall and winter
		Restore disturbed areas with native plant species and construct new habitat to offset losses
Accidental collisions with vehicles		Maintain sightlines through mowing and brushing, reduce speed limits, and use signage

APPLIES TO:	IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?		
	BIRDS	FISH	REPTILES & AMPHIBIANS
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
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# BIRDS, FISH, REPTILES, & AMPHIBIANS


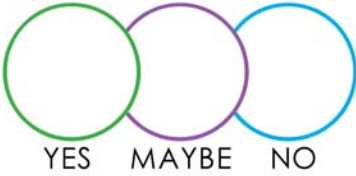

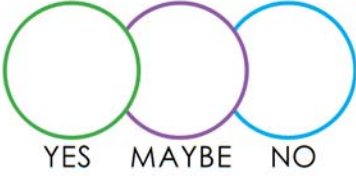

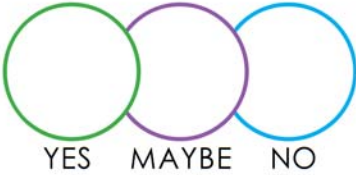

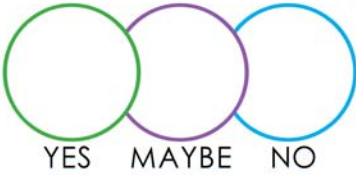
## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
 <p>Restrict construction worker activity to project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Restrict high-noise activities (e.g. blasting) during sensitive periods</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Avoid and protect active nesting/spawning areas and maintain undisturbed no-go zones</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Design culverts for unrestricted passage and natural flows</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

Disturbance from construction activities


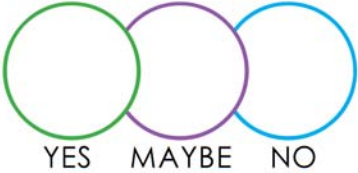

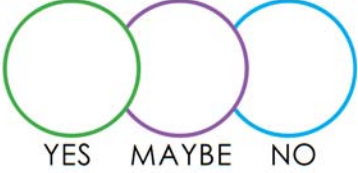

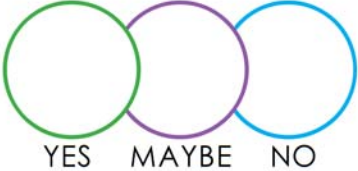
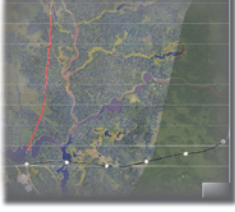
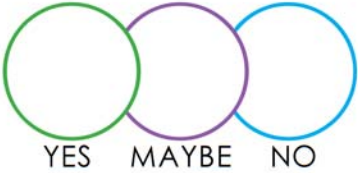
# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
<p>Disturbance from construction activities</p>  <p>Avoid discharge and spills of sediment and fuel through proper management practices</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict construction worker activity to the project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Increased public access</p>  <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict hunting from road</p>	<input checked="" type="checkbox"/>			

# VEGETATION & TRADITIONAL ACTIVITIES





## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Minimize extent of clearing and maintain tree buffers</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Removal of vegetation along alignment and at borrow sites</p>  <p>Map important heritage and traditional use areas</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Revegetate disturbed areas with native plant species</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Loss of "At Risk" plant species</p>  <p>Map plant species of concern in baseline studies and implement protection plans</p>	<input checked="" type="checkbox"/>			



# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION


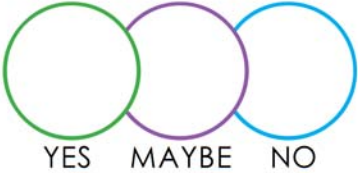

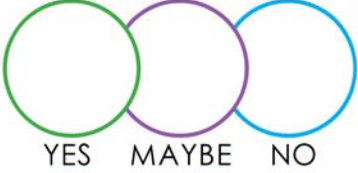
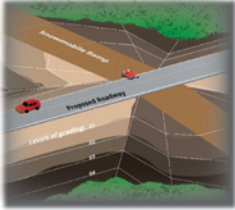
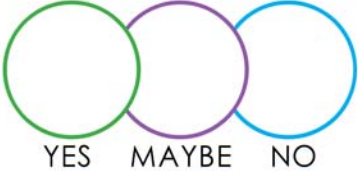
	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Map important heritage, cultural, or community use sites and objects prior to construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Identify and maintain undisturbed no-go zones and buffers</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Relocate sites or objects</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Protect animal populations (see animal boards)</p>			<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

Loss or damage to heritage, cultural, and/or community use sites and objects from construction activities

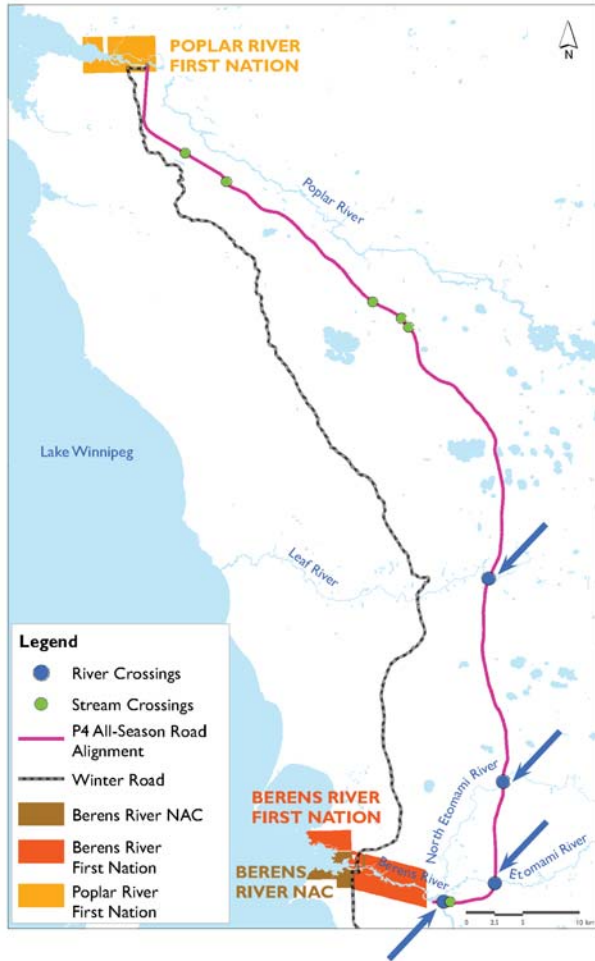
Changes to animal populations or distribution affecting harvest

# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>
<p>Increased public access</p>  <p>Restrict hunting from road</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>
 <p>Maintain access to traplines and trails during and following construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>

# RIVER CROSSINGS



## SUGGESTED MITIGATION



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes



Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

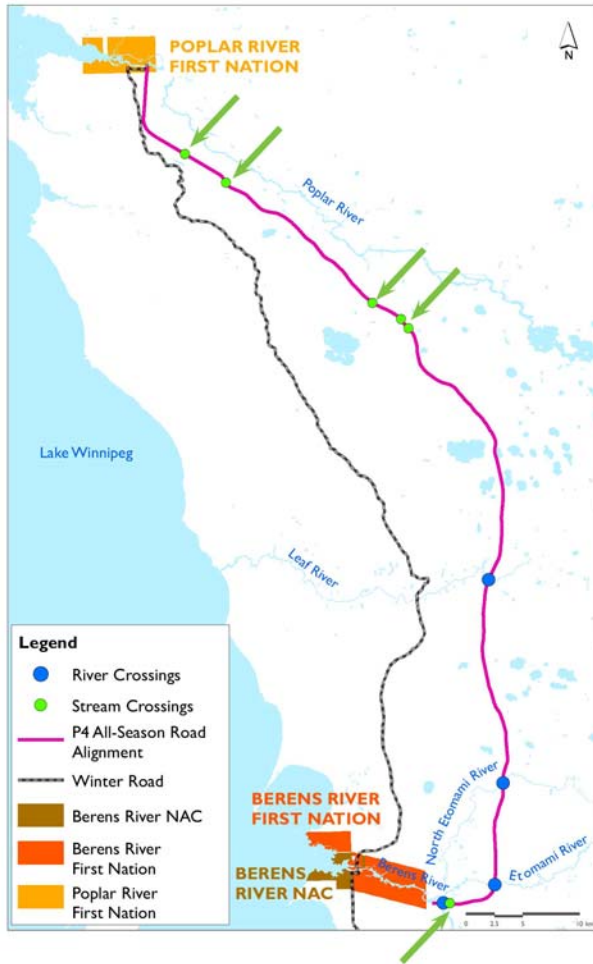
YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

# STREAM CROSSINGS



## SUGGESTED MITIGATION



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe



Restrict boat launch and snowmobile access points around stream crossings



Implement appropriate erosion and sediment control around culverts

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

**Annex A4-6:**  
Welcome Boards – Berens River First  
Nation Community Meeting (Round 6)

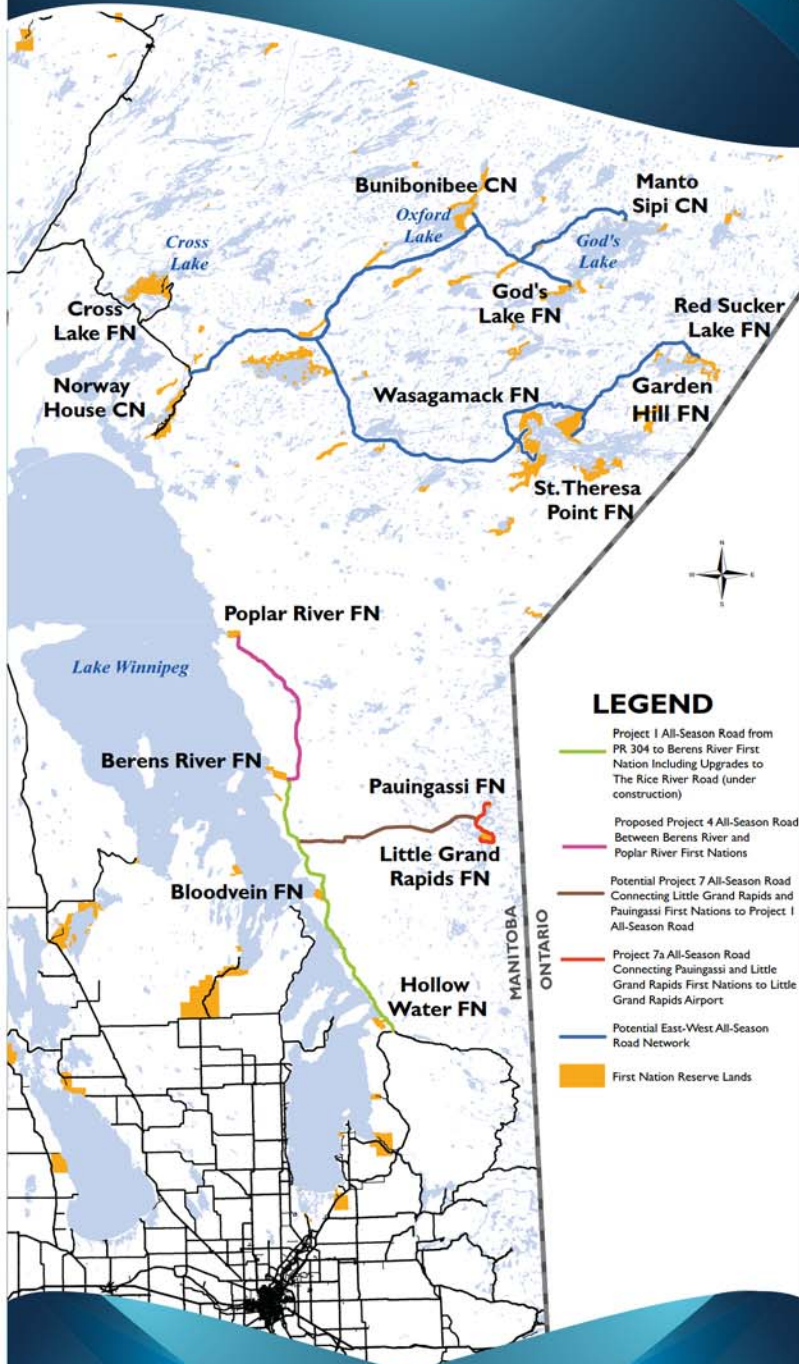
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WELCOME

MANITOBA  
East Side Road  
AUTHORITY



# EAST SIDE TRANSPORTATION INITIATIVE ROAD NETWORK



# STEPS IN THE CONSTRUCTION OF AN ALL-SEASON ROAD

## Planning & Design



## Construction



## Maintenance





**THANK YOU  
FOR COMING**



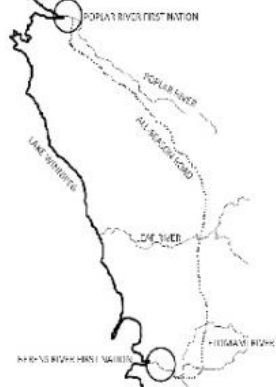
For more information please contact  
**The Manitoba East Side Road Authority**  
1-866-356-6355 | [www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)



**Annex A4-7:**  
T-Shirt Proof – Berens River First Nation  
Community Meeting (Round 6)

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**BERENS RIVER TO POPLAR RIVER  
ALL-SEASON ROAD**



**MANITOBA**  
**East Side Road**  
AUTHORITY

**BUILDING BRIDGES,  
CONNECTING COMMUNITIES**

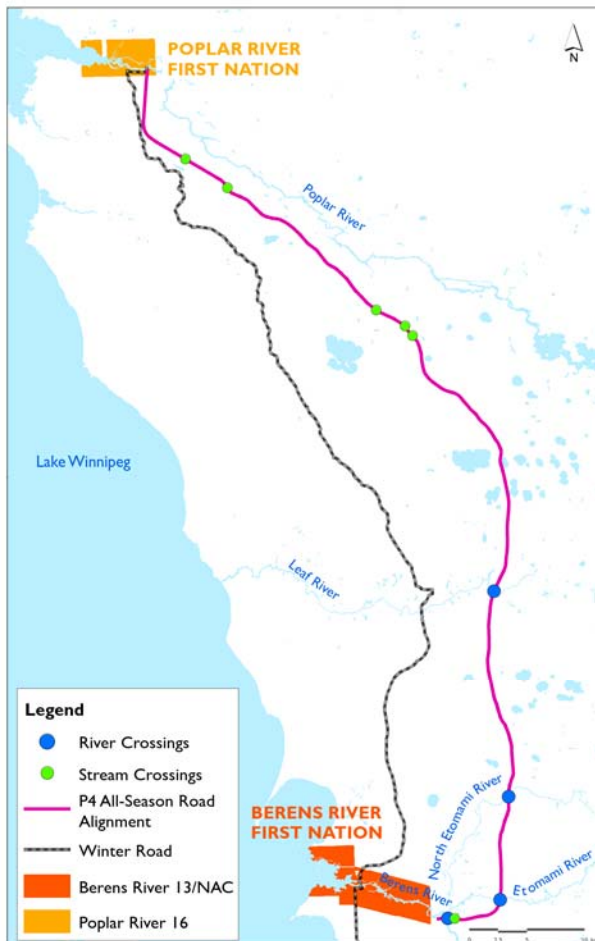
**Annex A4-8:**  
Poster – Poplar River First Nation  
Community Meeting (Round 6)

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# BÉRENS RIVER TO POPLAR RIVER ALL-SEASON ROAD

AUGUST COMMUNITY MEETING

The East Side Road Authority (ESRA) is hosting a Community Meeting to discuss the proposed all-season road project between Poplar River First Nation and Berens River First Nation.



## Poplar River School

**Monday, August 24, 2015**

**Doors open 6:00 pm**

**Presentation 6:30 pm**

**Discussion until 8:30 pm**



The Community Meeting is an opportunity to discuss the proposed all-season road project and potential mitigation measures as part of the Environmental Assessment process. We want to hear your views on this proposed all-season road.

For more information on the Community Meeting or the East Side Transportation Initiative, please contact:

**[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca) 1-866-356-6355**

**Annex A4-9:**  
Newsletter Handout – Poplar River First  
Nation Community Meeting (Round 6)

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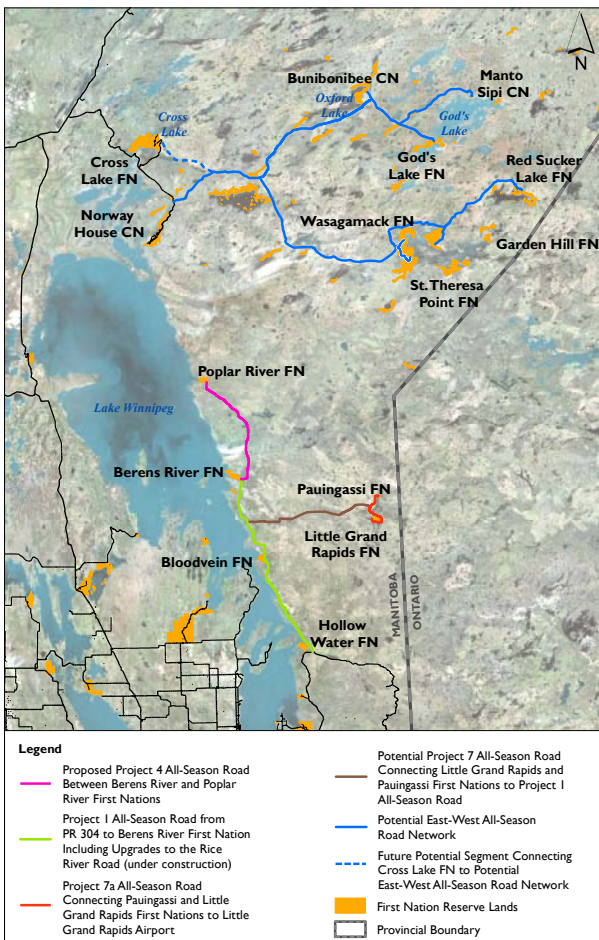
# COMMUNITY NEWSLETTER

## SUMMER 2015

Every day is another step closer to an all-season road for families living on the east side of Lake Winnipeg. It has long been a dream for many residents to have an all-season road - improving access for such things as medical appointments, reducing the costs of goods like groceries and fuel, and making it easier for family and community members living away to visit. The proposed Berens River to Poplar River all-season road is just one piece of the proposed road network being planned, designed and built on the east side of Lake Winnipeg.

### Update on the East Side Transportation Initiative

In 2000, the communities on the east side of Lake Winnipeg delivered a report to the Manitoba government called "Promises to Keep". The report provided recommendations on where government should focus their long-range planning activities for the east side of Lake Winnipeg including increased economic development opportunities and improvements to the transportation network.



The Manitoba East Side Road Authority (ESRA) has been mandated by the Manitoba government to oversee the planning and construction of the all-season road network on the east side of Lake Winnipeg. The new road network will provide improved, safe and more reliable transportation services to remote and isolated communities on the east side of the lake and provide economic opportunities for local residents. The proposed all-season road network for the region will be approximately 1,028 km in length and cost an estimated \$3 billion (2011 dollars).

To date, 50 km of all-season road has been built to Bloodvein along with four permanent bridges. An additional 92 kilometres of right-of-way clearing has been completed towards Berens River. Three modular steel bridges have been installed which dramatically extend the winter road season in the Island Lake area. In addition, 233 kilometres of exploratory clearing has been undertaken along future road alignments on the east side of Lake Winnipeg.

# COMMUNITY NEWSLETTER

## SUMMER 2015

### What is the Berens River to Poplar River All-Season Road?

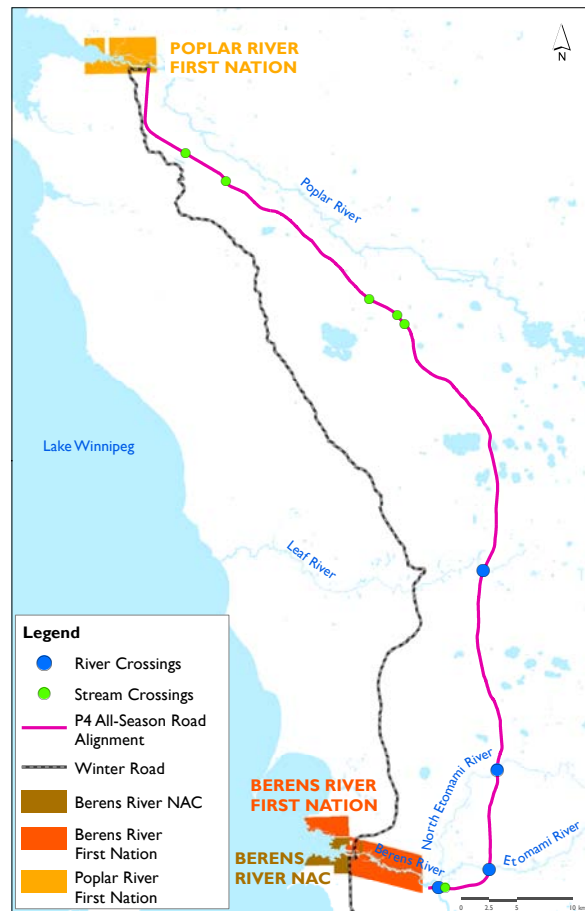
This section of the all-season road network is 94 kilometres long and will include four river crossings (Leaf River, North Etomami River, Etomami River, and Berens River), and six stream crossings.

ESRA has been working closely with First Nation leaders and community members in both Berens River and Poplar River to confirm the road alignment between the two communities. Local input and suggestions have been incorporated into the refinement of the proposed road alignment and into the design. For example, the proposed road alignment has been moved away from sensitive areas identified by the communities and other stakeholders.

### Environmental Impact Assessment (EIA)

An Environmental Impact Assessment (EIA) is required by federal and provincial government regulators for the all-season road. The EIA is used to predict the possible effects of the project on the environment and must be approved by the regulators before construction can start. The goal of the EIA is to identify ways of avoiding or minimizing potential negative effects of the project to the environment. The EIA considers many factors such as:

- Possible effects on wildlife, fish, birds and other species
- Possible disturbance to sensitive land
- Comments and ideas of local residents
- Potential interaction with community land use activities
- Ways the environment can affect the project like fire, floods and climate change.



BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD



# COMMUNITY NEWSLETTER

## SUMMER 2015

### Community Engagement

Communities like Berens River and Poplar River play an important role in the EIA process for road projects on the east side of Lake Winnipeg. Community members have historical knowledge and understanding of their lands and environment which helps ESRA plan the best project possible. The Manitoba government has been interacting with communities on the east side of the Lake since 2000. A number of community meetings have been held this spring and summer in both Berens River and Poplar River to gather information from elders, Chief and council, and other community members. A meeting was also held in Winnipeg to reach out to community members who live in Winnipeg, as well as the general public.



### Community Meetings - What We've Heard So Far

The communities of Berens River and Poplar River shared important information with the ESRA team during these meetings. This included:

- Moose and caribou and their habitats are important for the local communities
- There are sensitive areas that need to be avoided or protected and ESRA's proposed road alignment changes have been well received
- Hunting along the road alignment and during construction should be restricted while access to traplines should be maintained
- Bridges or other river/stream crossing structures should consider continued access by motorized boats, canoes, and snowmobiles
- Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Ongoing communications with communities is important as the project moves forward.



# COMMUNITY NEWSLETTER

## SUMMER 2015

### Next Steps

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The input provided by communities and other stakeholders is important to ESRA and will be factored into the EIA and the design of the project. Another series of community and stakeholder meetings for the EIA are taking place this summer and fall. These meetings will provide the opportunity to engage community members, Chief and council, elders, trappers, harvesters, and other stakeholders. An additional meeting will be held in Winnipeg for those who are not able to attend the in-community meetings and for other stakeholders.



Discussions at these meetings will focus on:

- Providing updated project information
- Reviewing what we heard from you and others
- Discussing ways of avoiding or minimizing potential negative effects of the project.

Notices will be posted in communities in advance of the meeting dates.

### Contact Us

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We want to hear from you. Feedback and input from community members is critical to building the all-season road. Please provide your comments on the attached page.

Or if you have any questions or comments, please contact us at :



#### **Manitoba East Side Road Authority**

200 - 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8

Phone: 204-945-4900 in Winnipeg

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)

**Annex A4-10:**  
Comment Sheet – Poplar River First  
Nation Community Meeting (Round 6)

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**Annex A4-11:**  
Presentation – Poplar River First Nation  
Community Meeting (Round 6)

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# **EAST SIDE TRANSPORTATION INITIATIVE**

## **Berens River to Poplar River All-Season Road**



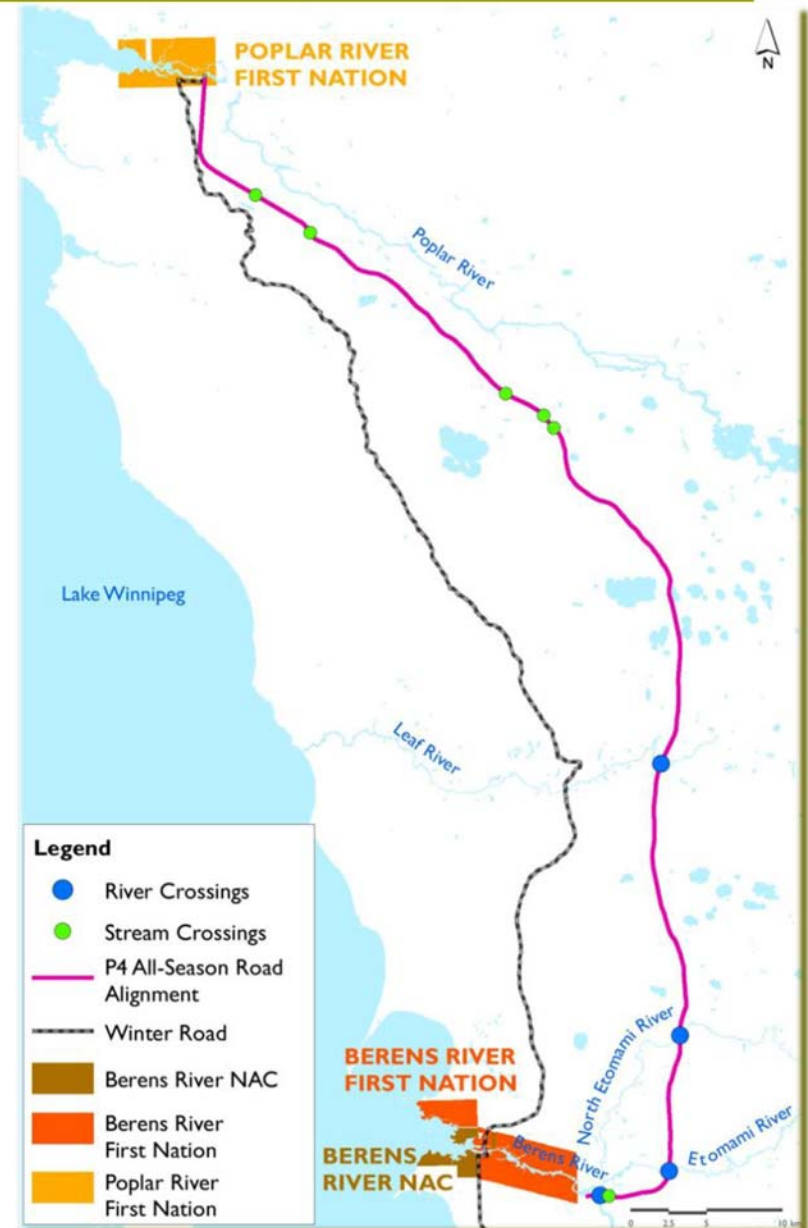
**Presentation to  
Poplar River First Nation**

August 24, 2015

## Why are we here?

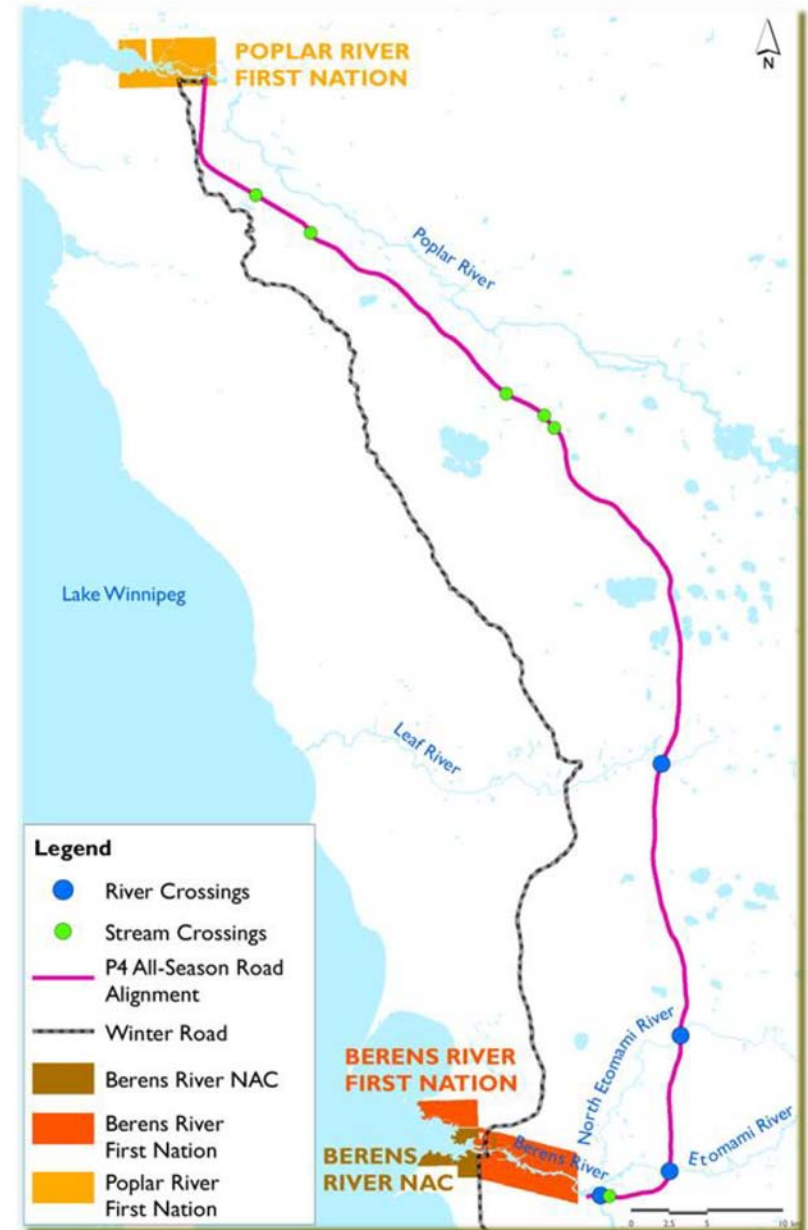
### We are here today to:

- Provide updated project information
- Review what we have heard from your community
- Discuss ways of avoiding or minimizing potential negative effects resulting from the project



## Overview of the Project

- 94 km all-season road connecting Berens River with Poplar River includes:
  - Bridge crossings of 4 rivers:
    - Berens River
    - Etomami River
    - North Etomami River
    - Leaf River
  - Culvert crossings of 6 streams
  - Equalization culverts at multiple locations
- 430m on-reserve access road on Poplar River First Nation





**Background Planning**

- 2000 Feasibility Study - assesses transportation options and the feasibility of a road network on the east side of Lake Winnipeg
- 2004 East Side Planning Initiative - generates "Promises to Keep" that identify all-season road planning as a priority objective

**Route Corridor**

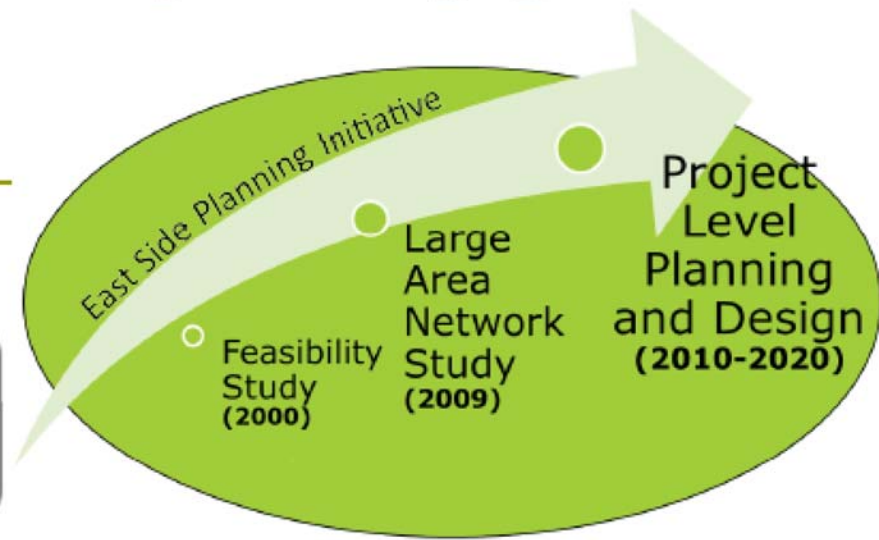
- 2009-2011 Large Area Network Transportation Study
- Assesses network options and recommends route corridors
- Identifies possible road alignments

**Road Alignment**

- 2012 - 2013 Road Alignment Selection
- Local communities and other stakeholders assist with the selection of preferred alignment to study in greater detail

**Final Alignment**

- 2013 - 2015 Environmental and Engineering Studies
- Environmental Impact Assessment to consider possible effects and mitigation
- Refinement of road alignment based on findings of baseline and engineering studies and community, stakeholder and public input



## Prior Community Discussions

Previously ESRA has met with:

- the Berens River community
- the Poplar River community
- Asatiswisipe Aki Ma Ma  
Wichitowin Mutual Land  
Relationship Board & elders
- Winnipeg-based community  
members

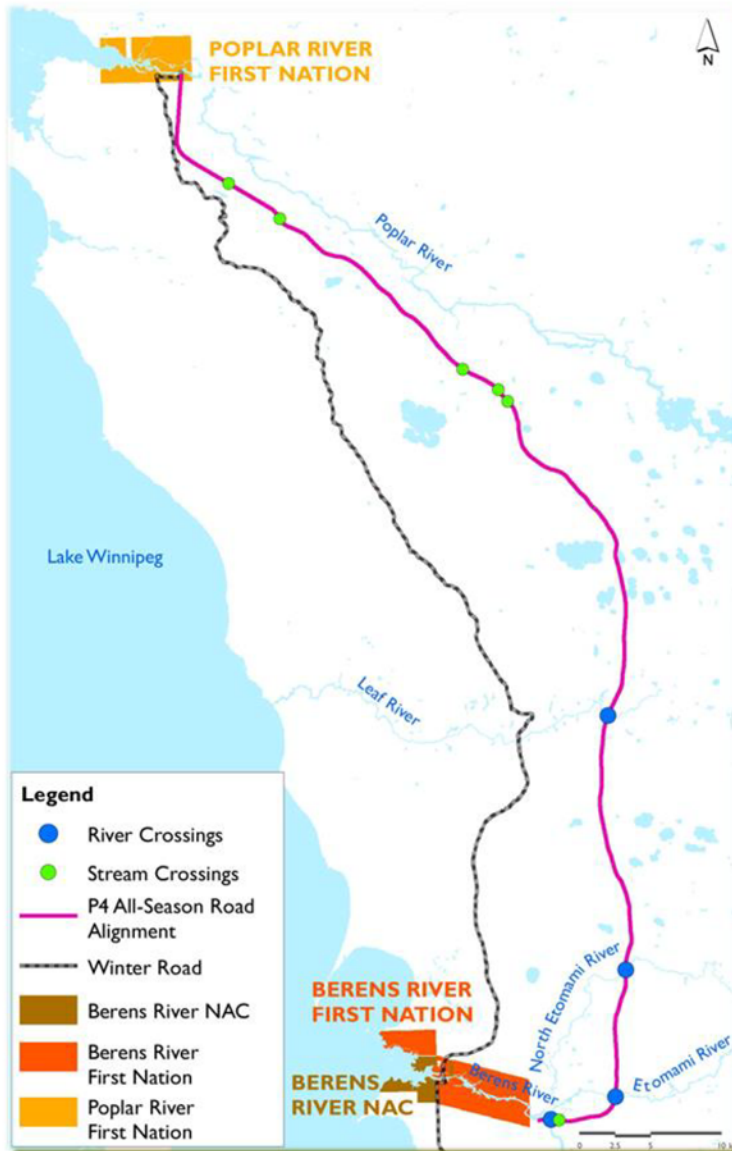


## What We Heard at April & May 2015 Meetings

- ❑ Support to build the all-season road
- ❑ How to get information about job opportunities
- ❑ Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- ❑ On-going communication as the project progresses



## What We Heard at April & May 2015 Meetings



- How Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to address sensitive areas
- Travel routes (i.e. trails and waterways) and access to trap lines be maintained and protected
- Restrict hunting along the road alignment and during construction

## What We Heard at April & May 2015 Meetings

- ❑ Protect sensitive sites and areas, prohibit access during construction
- ❑ Moose, caribou, and their habitats are important valued components
- ❑ Sensitive lifecycle stages (i.e. fish spawning) to be considered
- ❑ Potential effects of construction noise and blasting on sensitive areas



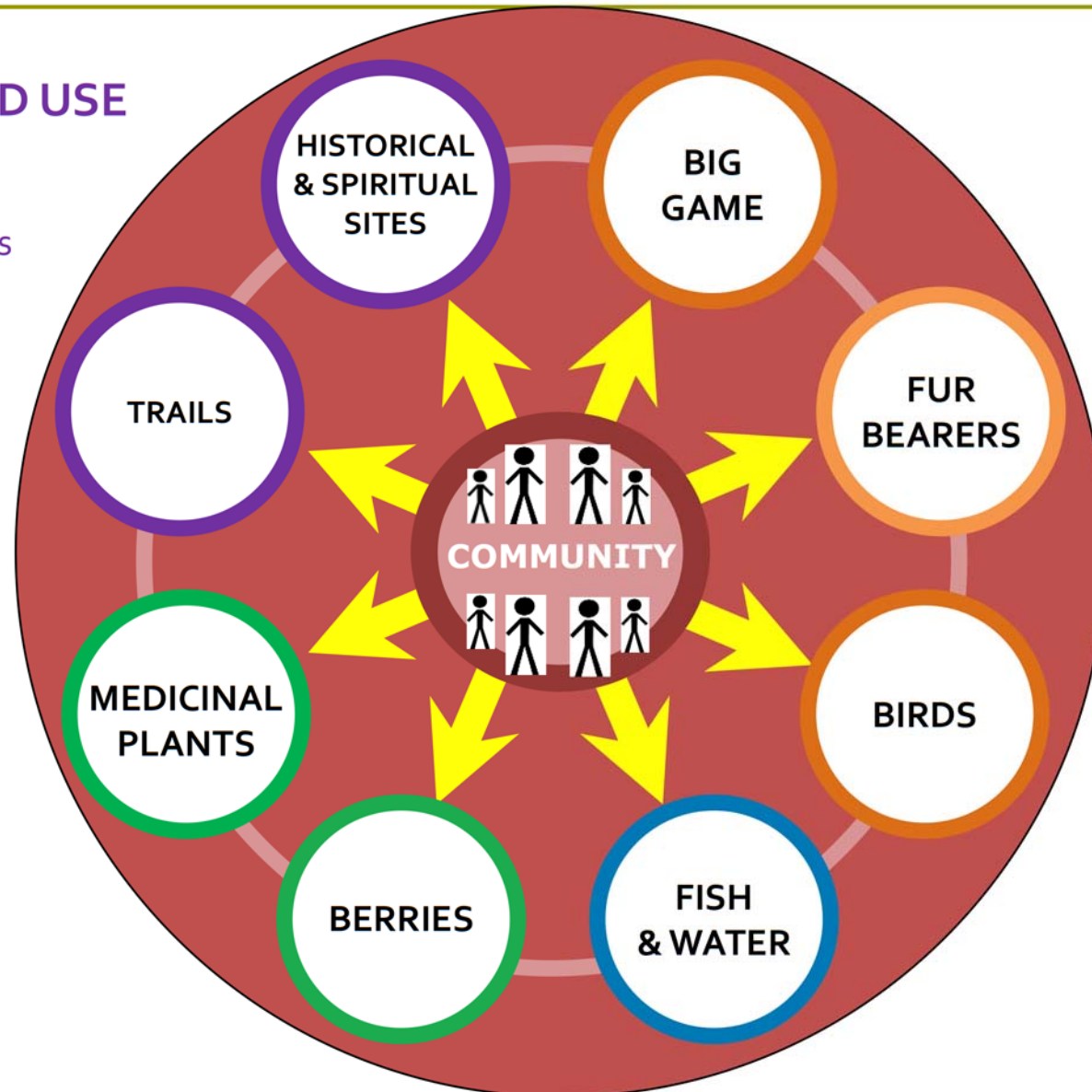
## Traditional Knowledge & Land Use

### CULTURE & LAND USE

- TLU
- Resource use
- Historical resources

### WILDLIFE

- Wildlife
- Biodiversity



### VEGETATION

- Wetlands
- Forestry
- Biodiversity

### FISH & WATER

- Fish
- Hydrology
- Water quality
- Aquatic ecology
- Hydrogeology

## What We Want to Talk About Today



“Mitigation” means ways to:

**Avoid**

**Reduce**

**Repair**

**Offset**

**Monitor**

potential negative effects of the project



## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation



Minimize extent of  
clearing and maintain  
treed buffers

### Change in habitat



Restrict timing of clearing  
to fall and winter



Revegetate disturbed  
areas with native plant  
species

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict construction  
worker activity to project  
area only

Accidental  
collisions with  
vehicle



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods  
(e.g. calving)



Maintain sightlines  
through mowing and  
brushing, reduce speed  
limits, and use signage

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation

Increased  
public access



Restrict construction  
worker activity to project  
area only



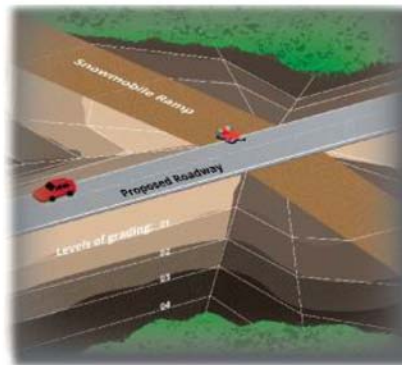
Block and reclaim  
temporary access roads  
following construction

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation



Maintain access to  
traplines and trails  
during and following  
construction

Increased  
public access



Restrict hunting from  
road

## Possible Effects & Mitigation – Aquatics

### Possible Changes



### Suggested Mitigation

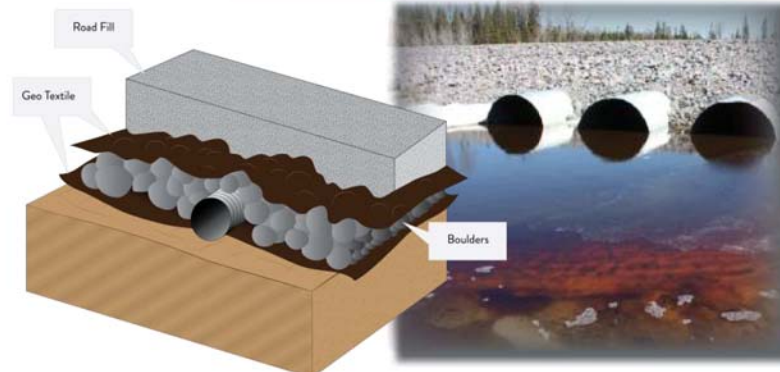
Disturbance from construction activities



Restrict construction worker activity to project area only



Avoid discharge and spills of sediment and fuel through proper management practices



Design culverts for unrestricted passage and natural flows

## Possible Effects & Mitigation – Aquatics & Birds

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods



Avoid and protect  
active nesting/spawning  
areas and maintain  
undisturbed no-go zones

## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Removal of  
vegetation  
along  
alignment and  
borrow sites



Minimize extent of  
clearing and maintain  
treed buffers



Map important heritage  
and traditional use areas



Revegetate disturbed  
areas with native plant  
species

## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes

Loss or damage  
to heritage,  
cultural, and or  
community use  
sites and objects  
from construction  
activities



### Suggested Mitigation



Map important heritage,  
cultural, or community  
use sites and objects  
prior to construction



Identify and maintain  
undisturbed no-go zones  
and buffers



Relocate sites or objects



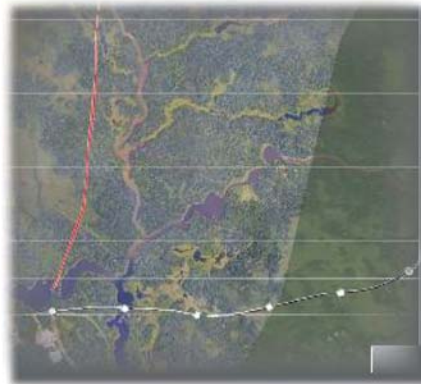
## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Loss of “At Risk”  
plant species



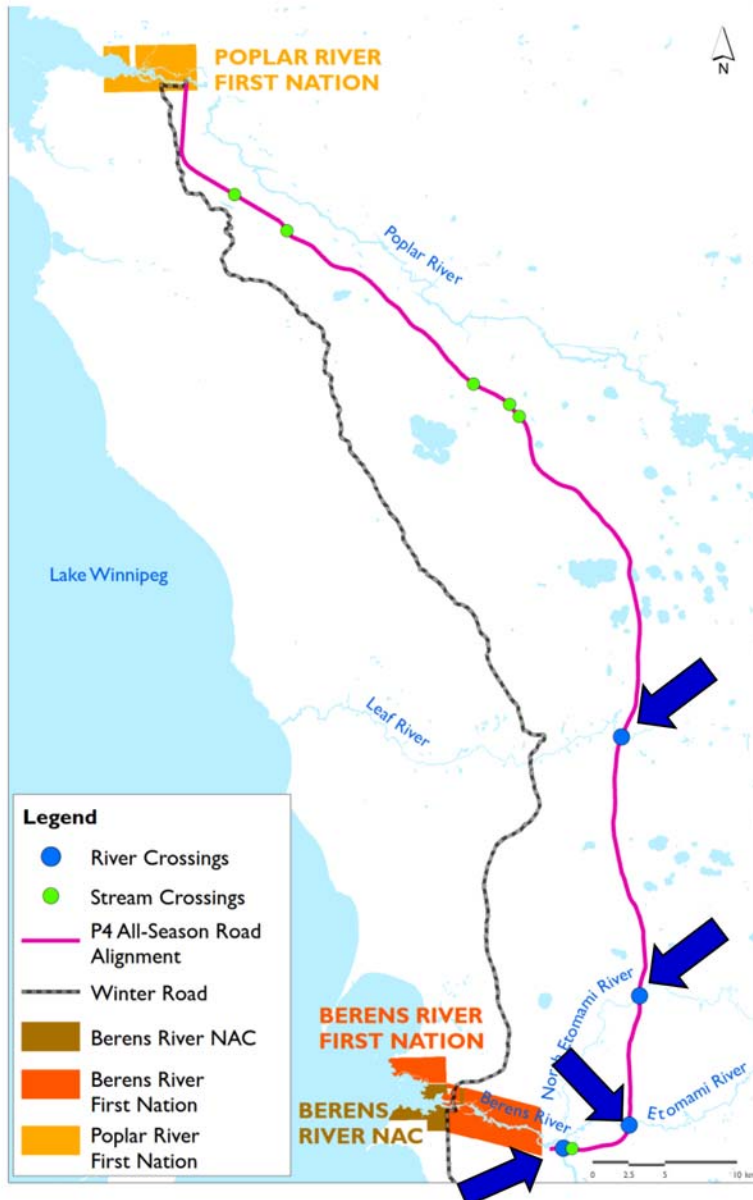
Map plant species of  
concern in baseline  
studies and implement  
protection plans

Changes to  
animal  
populations or  
distribution  
affecting harvest



Protect animal  
populations  
(see animal boards)

## Possible Effects & Mitigation – River Crossings



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes

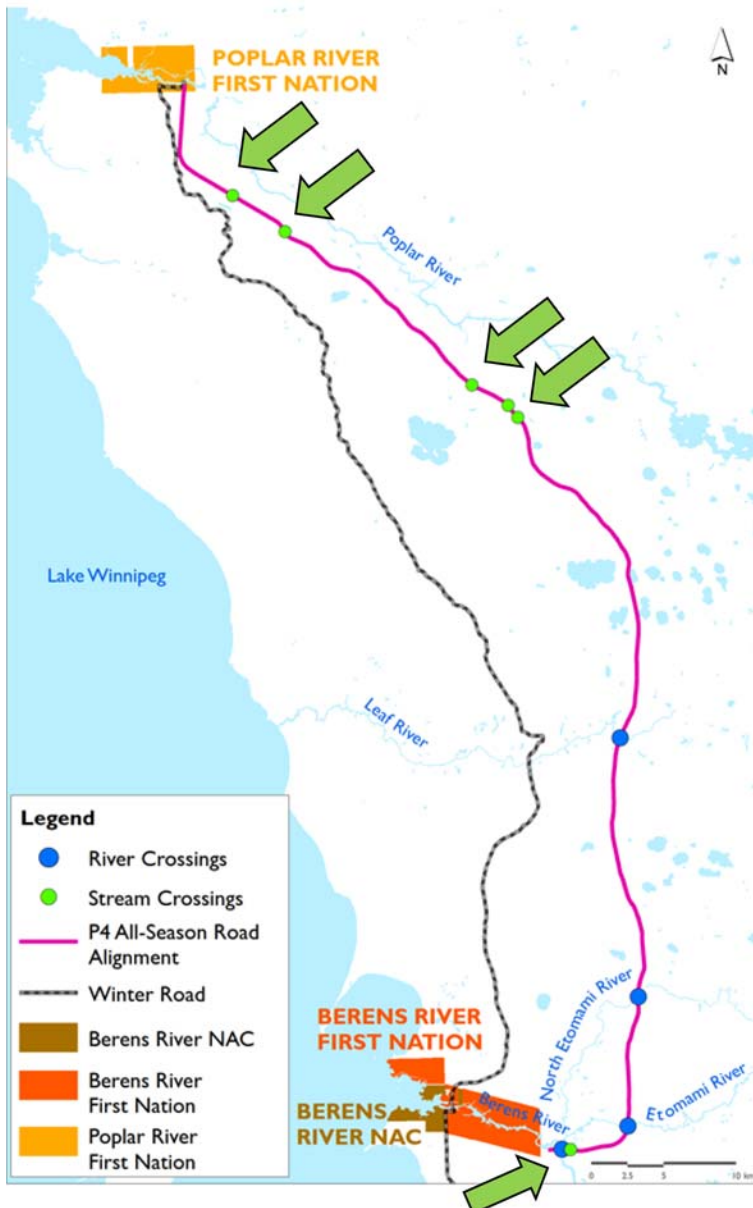


Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges

## Possible Effects & Mitigation - Stream Crossings



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe

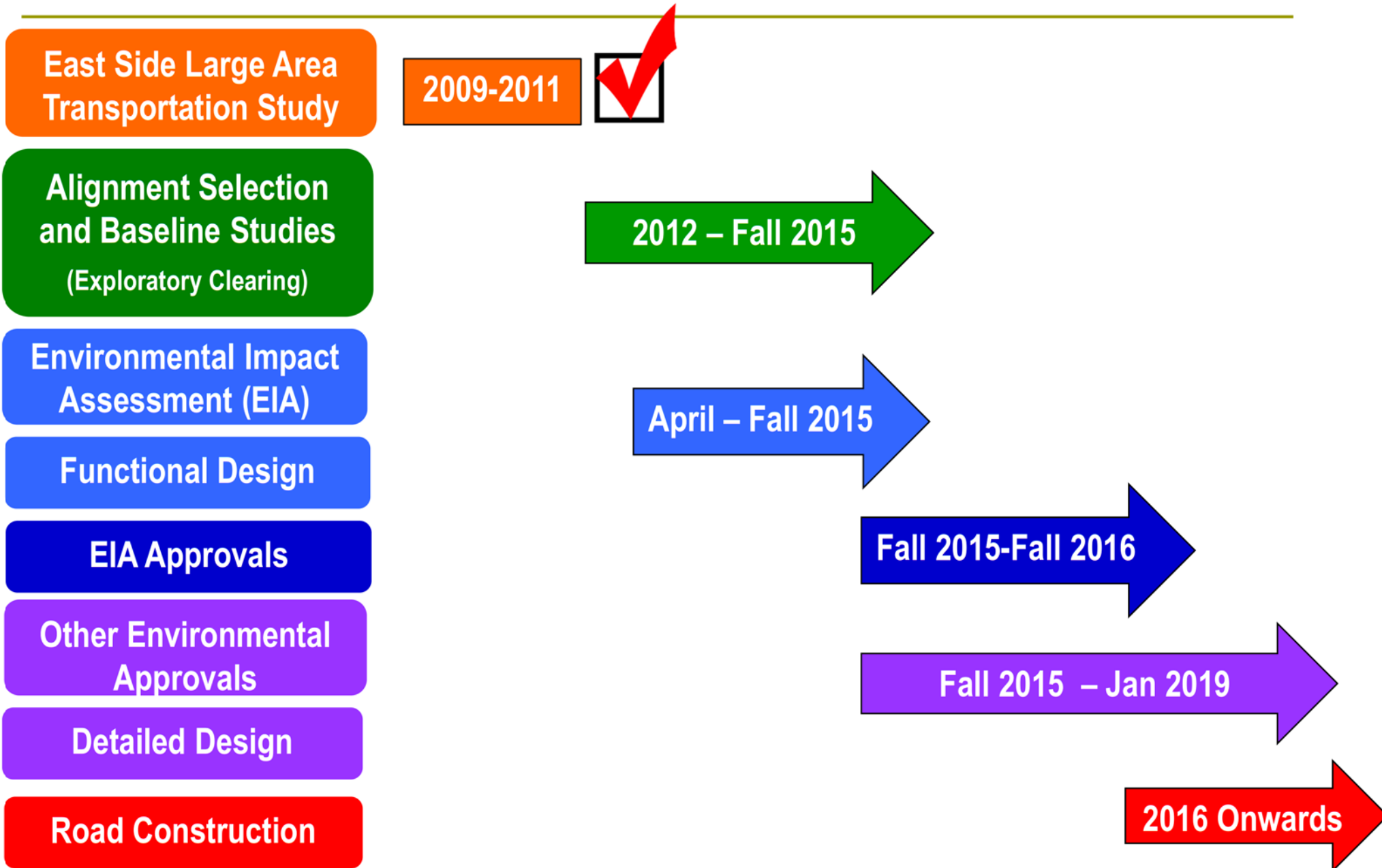


Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around culverts

# Schedule



- ❑ Meeting in Winnipeg with community members and public
- ❑ Finalize the EIA document and submit to federal and provincial regulators
- ❑ On-going communications and dialogue with the communities



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***Please stay and talk with us***

**Manitoba East Side Road Authority**

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

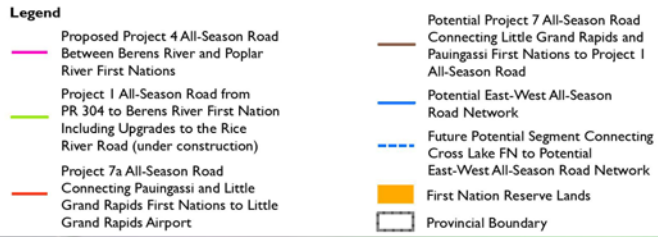
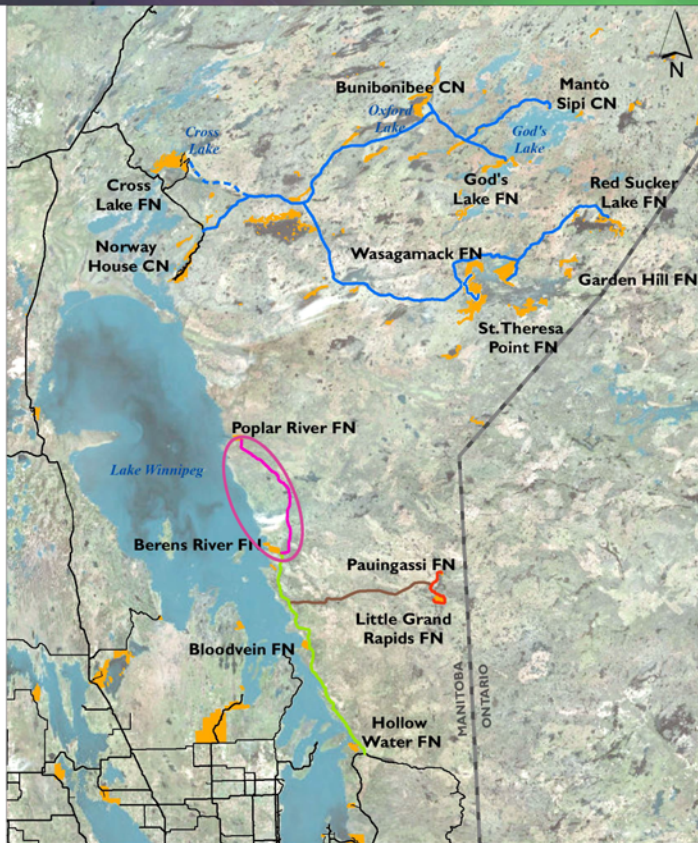
[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)



**Annex A4-12:**  
Display Boards – Poplar River First Nation  
Community Meeting (Round 6)

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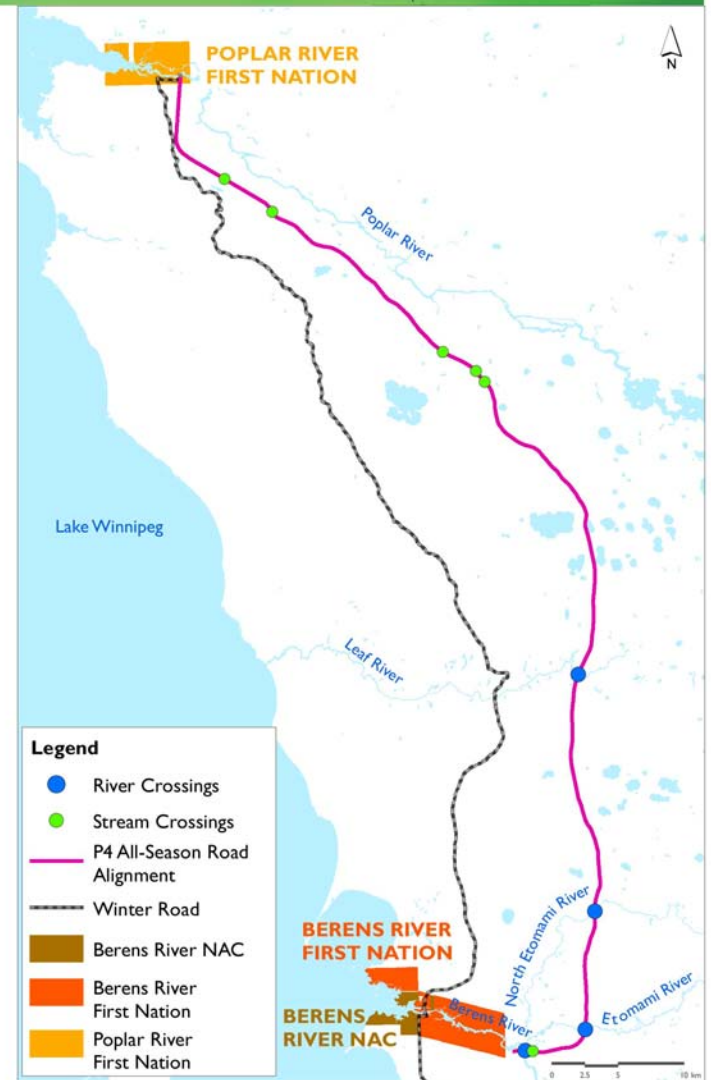
# PROJECT OVERVIEW



This project consists of **94 km** of all-season road connecting Berens River First Nation to Poplar River First Nation.

There will be:

- 4 river crossings at:
  - Leaf River
  - North Etomami River
  - Etomami River
  - Berens River
- 6 stream crossings
- Equalization culverts at multiple locations

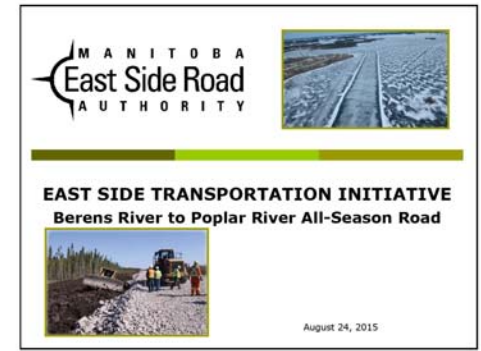
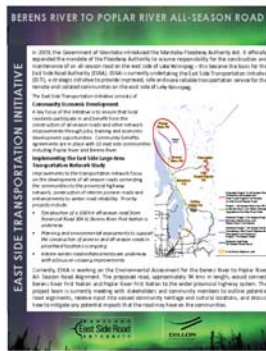
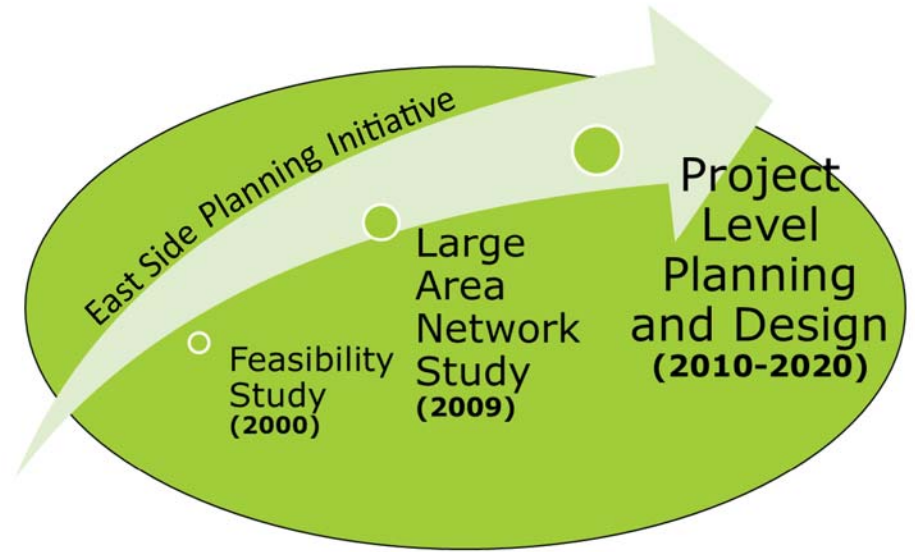




# ALL-SEASON ROAD PLANNING

The Manitoba government began engaging and planning for all-season roads with communities on the East Side of Lake Winnipeg through the 2000 Feasibility Study and the 2009 Large Area Network Study.

In 2015, as part of the Environmental Impact Assessment (EIA) process, ESRA continues to engage and have conversations with communities, elders, Chief and council, other stakeholders, and the public.



## EIA ENGAGEMENT

As part of the Berens River to Poplar River All-Season Road Project, ESRA is discussing the project in terms of:

- Refinement of proposed road alignment
- Valued Components to be considered
- Environmental site conditions
- Potential project effects and measures to avoid or reduce those effects
- Construction employment and training



The most recent meetings were held with communities on:

**Poplar River**  
April 23, 2015  
May 26, 2015  
August 24, 2015

**Berens River**  
April 30, 2015  
May 21, 2015  
September 10, 2015

**Winnipeg-based community members  
and the general public**  
May 28, 2015

## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Support to build the all-season road
- Questions about how to get information about job opportunities
- Request to provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Request for on-going project-specific communication provided as the project progresses
- Explanations about how Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to avoid sensitive areas



Traditional Knowledge



Cultural Activities



Alignment Changes



Job Opportunities

## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Request to protect sensitive sites and areas, consider setbacks, restrict access, and erect temporary barriers to prohibit access during construction
- Confirmation that moose, caribou, and their habitats are important valued components
- Request for sensitive lifecycle stages (i.e. spawning fish) to be considered
- Request for travel routes (i.e. trails and waterways) and access to traplines to be maintained and protected
- Support for restricting hunting along the road alignment and during construction
- Interest in the potential effects of construction noise and blasting on sensitive areas



Access Restrictions



Caribou



Nesting Areas



Travel Routes

# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	Image	Suggested Mitigation	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
			MOOSE	CARIBOU	FUR-BEARERS	
Change in habitat		Minimize extent of clearing and maintain treed buffers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Restrict timing of clearing to fall and winter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		Revegetate disturbed areas with native plant species	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Accidental collisions with vehicles		Maintain sightlines through mowing and brushing, reduce speed limits, and use signage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	SUGGESTED MITIGATION	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
		MOOSE	CARIBOU	FUR-BEARERS	
Disturbance from construction activities	 <p>Restrict construction worker activity to project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
	 <p>Restrict high-noise activities (e.g. blasting) during sensitive periods (e.g. calving)</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Increased public access	 <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
	 <p>Restrict hunting from road</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

Change in habitat		Minimize extent of clearing and maintain treed buffers around waterbodies
		Restrict timing of clearing to fall and winter
		Restore disturbed areas with native plant species and construct new habitat to offset losses
Accidental collisions with vehicles		Maintain sightlines through mowing and brushing, reduce speed limits, and use signage

APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
BIRDS	FISH	REPTILES & AMPHIBIANS	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

Disturbance from construction activities



Restrict construction worker activity to project area only



Restrict high-noise activities (e.g. blasting) during sensitive periods



Avoid and protect active nesting/spawning areas and maintain undisturbed no-go zones




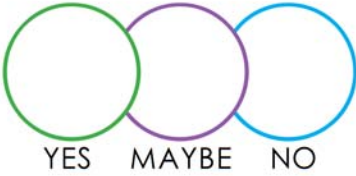

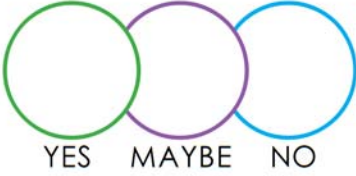

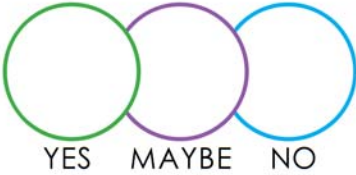

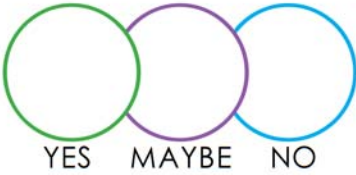
Design culverts for unrestricted passage and natural flows

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
Restrict construction worker activity to project area only	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Restrict high-noise activities (e.g. blasting) during sensitive periods	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Avoid and protect active nesting/spawning areas and maintain undisturbed no-go zones	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Design culverts for unrestricted passage and natural flows		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO




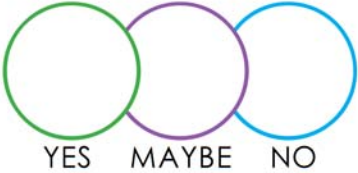

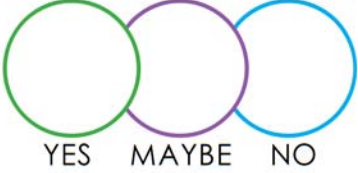

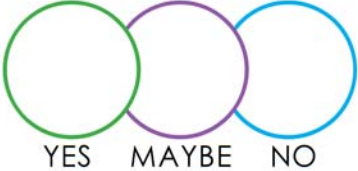
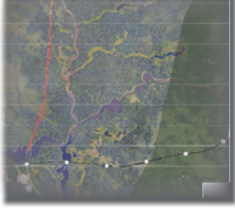
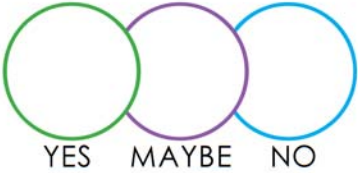
# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
<p>Disturbance from construction activities</p>  <p>Avoid discharge and spills of sediment and fuel through proper management practices</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict construction worker activity to the project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Increased public access</p>  <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict hunting from road</p>	<input checked="" type="checkbox"/>			





# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Minimize extent of clearing and maintain tree buffers</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Removal of vegetation along alignment and at borrow sites</p>  <p>Map important heritage and traditional use areas</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Revegetate disturbed areas with native plant species</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Loss of "At Risk" plant species</p>  <p>Map plant species of concern in baseline studies and implement protection plans</p>	<input checked="" type="checkbox"/>			

# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION


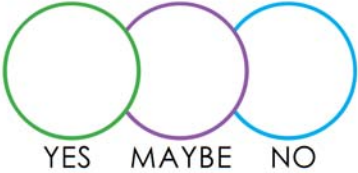

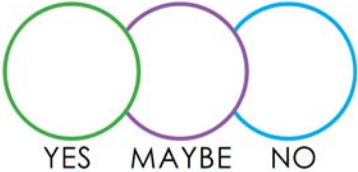
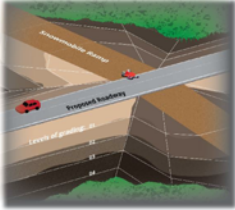
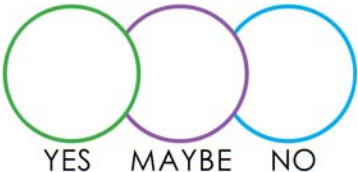
	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Map important heritage, cultural, or community use sites and objects prior to construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Identify and maintain undisturbed no-go zones and buffers</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Relocate sites or objects</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Protect animal populations (see animal boards)</p>			<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

Loss or damage to heritage, cultural, and/or community use sites and objects from construction activities

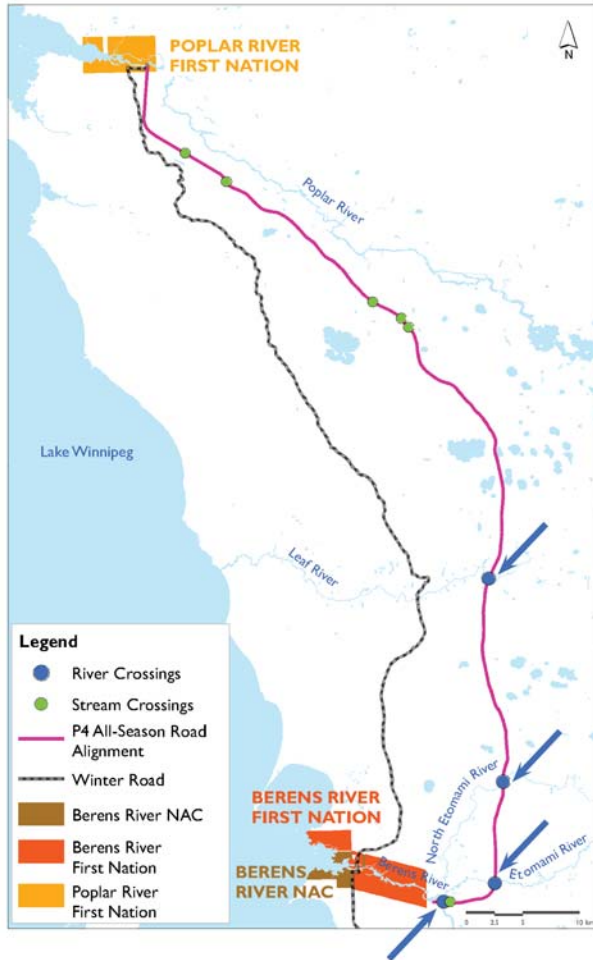
Changes to animal populations or distribution affecting harvest

# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>
<p>Increased public access</p>  <p>Restrict hunting from road</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>
 <p>Maintain access to traplines and trails during and following construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	 <p>YES MAYBE NO</p>

# RIVER CROSSINGS



## SUGGESTED MITIGATION



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes



Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

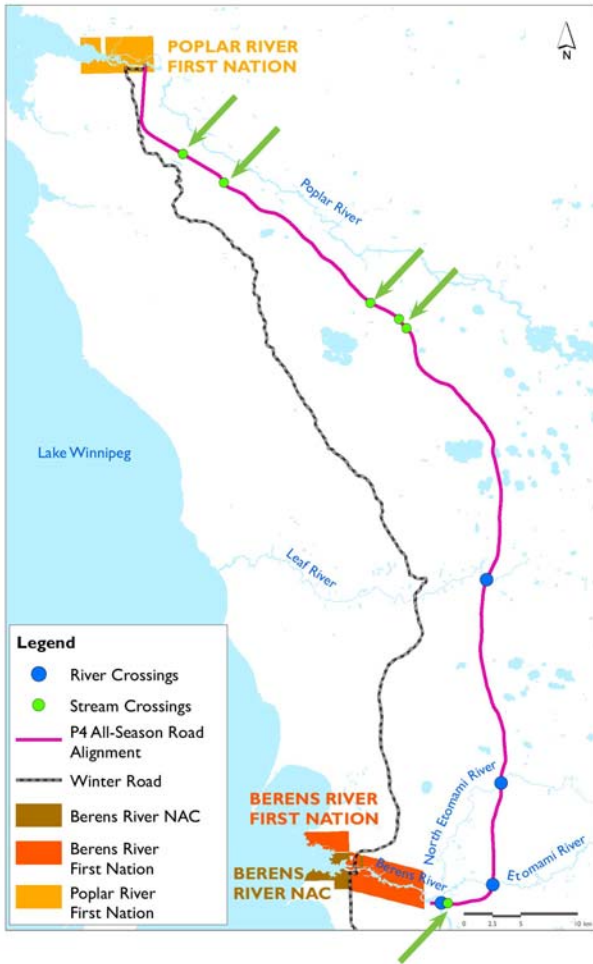
YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

# STREAM CROSSINGS



## SUGGESTED MITIGATION



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe



Restrict boat launch and snowmobile access points around stream crossings



Implement appropriate erosion and sediment control around culverts

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

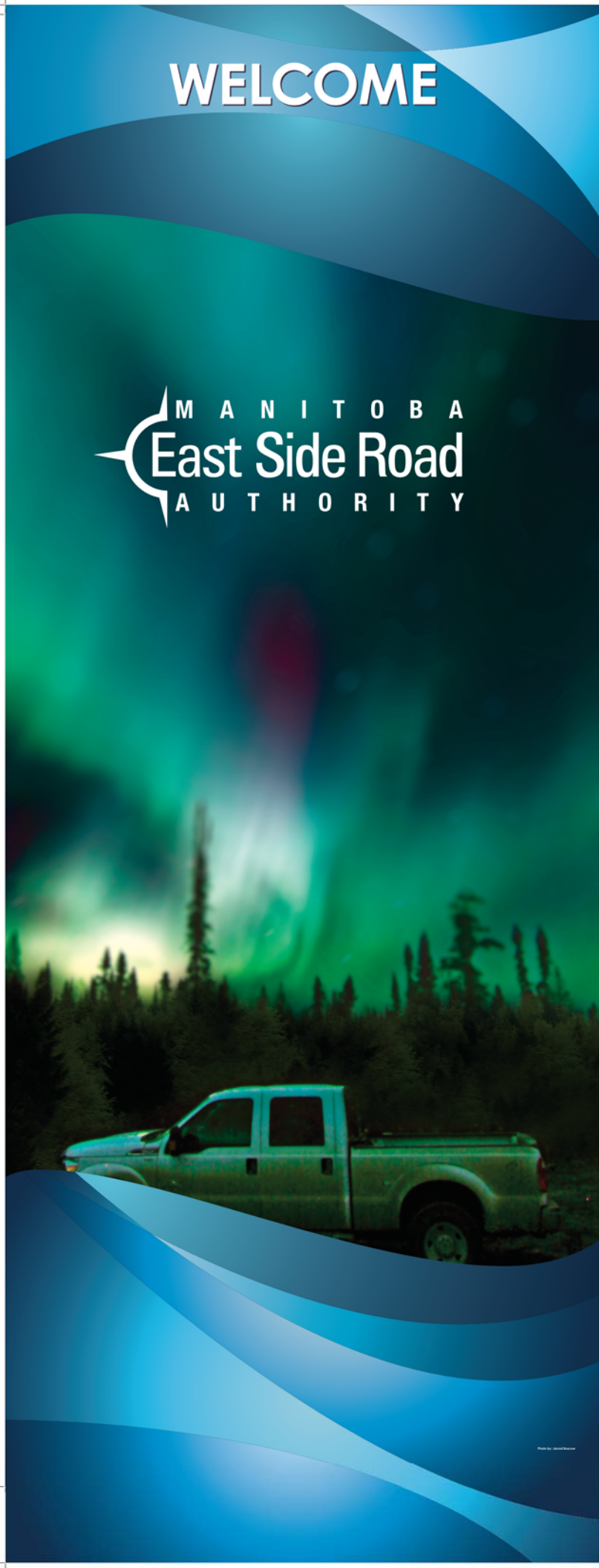
YES MAYBE NO

**Annex A4-13:**  
Welcome Boards – Poplar River First  
Nation Community Meeting (Round 6)

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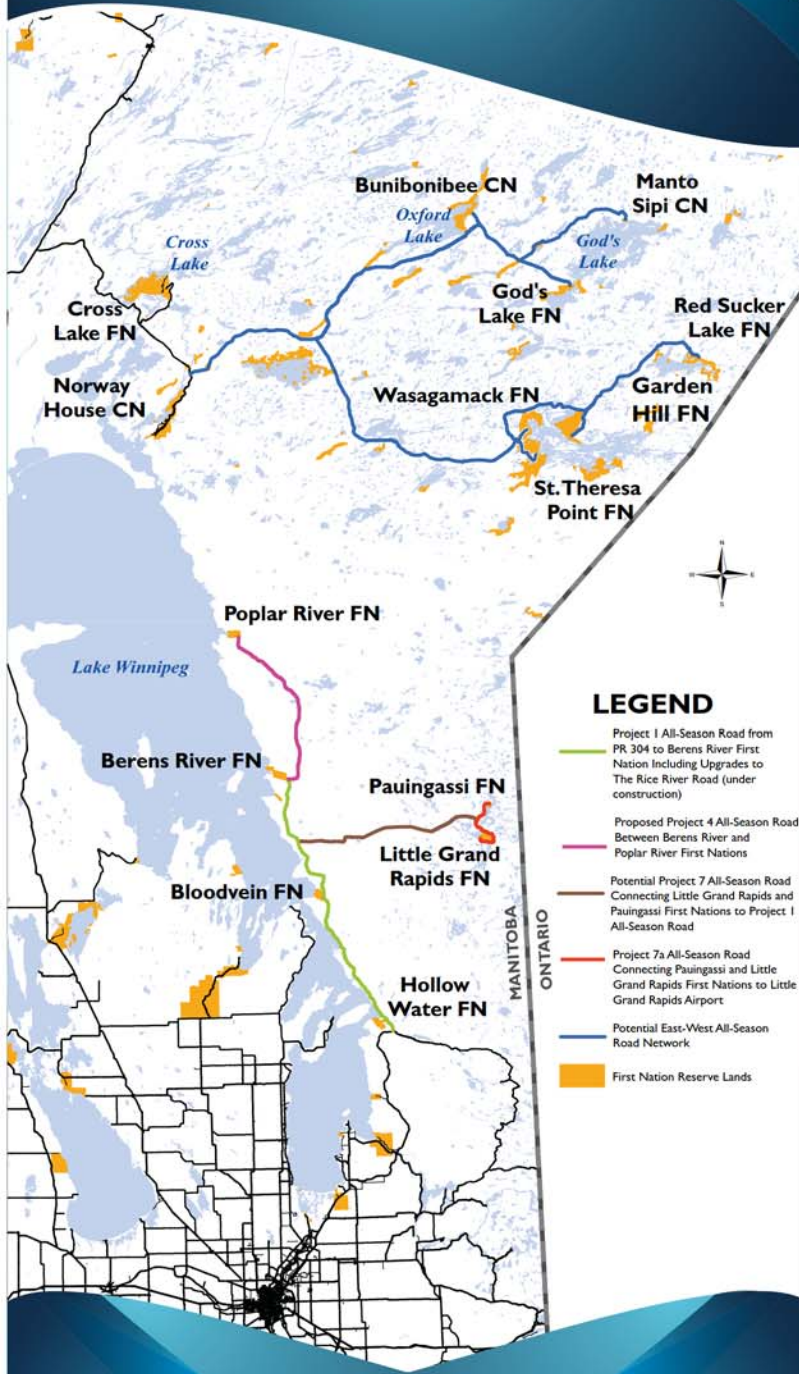
WELCOME

M A N I T O B A  
East Side Road  
A U T H O R I T Y





# EAST SIDE TRANSPORTATION INITIATIVE ROAD NETWORK



## LEGEND

- Project 1 All-Season Road from PR 304 to Berens River First Nation Including Upgrades to The Rice River Road (under construction)
- Proposed Project 4 All-Season Road Between Berens River and Poplar River First Nations
- Potential Project 7 All-Season Road Connecting Little Grand Rapids and Pauingassi First Nations to Project 1 All-Season Road
- Project 7a All-Season Road Connecting Pauingassi and Little Grand Rapids First Nations to Little Grand Rapids Airport
- Potential East-West All-Season Road Network
- First Nation Reserve Lands

# STEPS IN THE CONSTRUCTION OF AN ALL-SEASON ROAD

## Planning & Design



## Construction



## Maintenance



**THANK YOU  
FOR COMING**



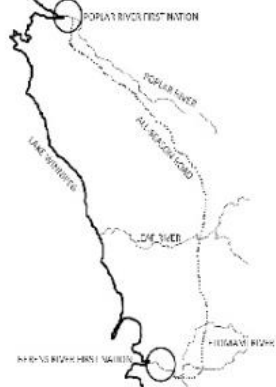
For more information please contact  
**The Manitoba East Side Road Authority**  
1-866-356-6355 | [www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)



**Annex A4-14:**  
T-Shirt Proof – Poplar River First Nation  
Community Meeting (Round 6)

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**BERENS RIVER TO POPLAR RIVER  
ALL-SEASON ROAD**



MANITOBA  
**East Side Road**  
AUTHORITY

**BUILDING BRIDGES,  
CONNECTING COMMUNITIES**

**Annex A4-15:**  
Newsletter Handout – Winnipeg Open  
House (Round 6)

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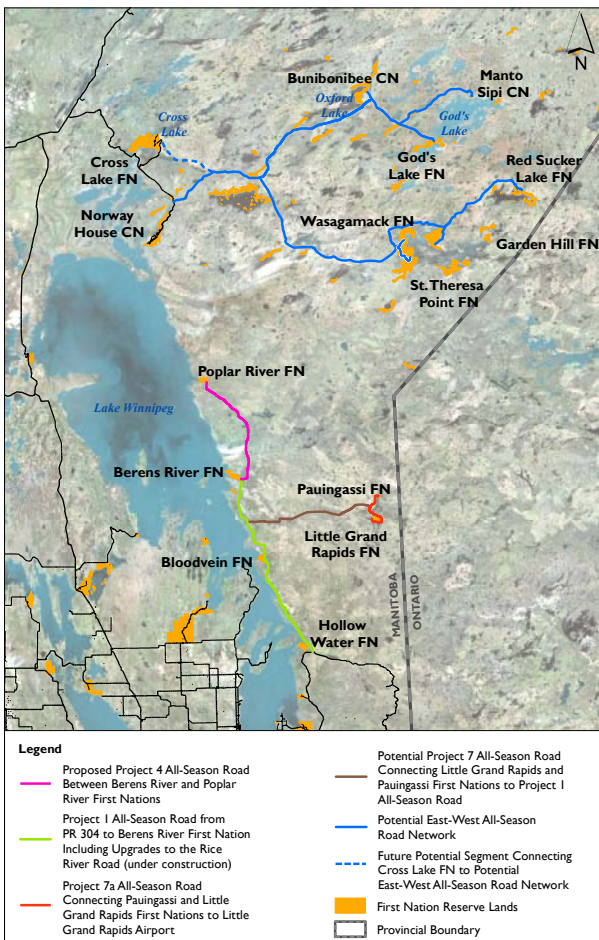
# COMMUNITY NEWSLETTER

## SUMMER 2015

Every day is another step closer to an all-season road for families living on the east side of Lake Winnipeg. It has long been a dream for many residents to have an all-season road - improving access for such things as medical appointments, reducing the costs of goods like groceries and fuel, and making it easier for family and community members living away to visit. The proposed Berens River to Poplar River all-season road is just one piece of the proposed road network being planned, designed and built on the east side of Lake Winnipeg.

### Update on the East Side Transportation Initiative

In 2000, the communities on the east side of Lake Winnipeg delivered a report to the Manitoba government called "Promises to Keep". The report provided recommendations on where government should focus their long-range planning activities for the east side of Lake Winnipeg including increased economic development opportunities and improvements to the transportation network.



The Manitoba East Side Road Authority (ESRA) has been mandated by the Manitoba government to oversee the planning and construction of the all-season road network on the east side of Lake Winnipeg. The new road network will provide improved, safe and more reliable transportation services to remote and isolated communities on the east side of the lake and provide economic opportunities for local residents. The proposed all-season road network for the region will be approximately 1,028 km in length and cost an estimated \$3 billion (2011 dollars).

To date, 50 km of all-season road has been built to Bloodvein along with four permanent bridges. An additional 92 kilometres of right-of-way clearing has been completed towards Berens River. Three modular steel bridges have been installed which dramatically extend the winter road season in the Island Lake area. In addition, 233 kilometres of exploratory clearing has been undertaken along future road alignments on the east side of Lake Winnipeg.

# COMMUNITY NEWSLETTER

## SUMMER 2015

### What is the Berens River to Poplar River All-Season Road?

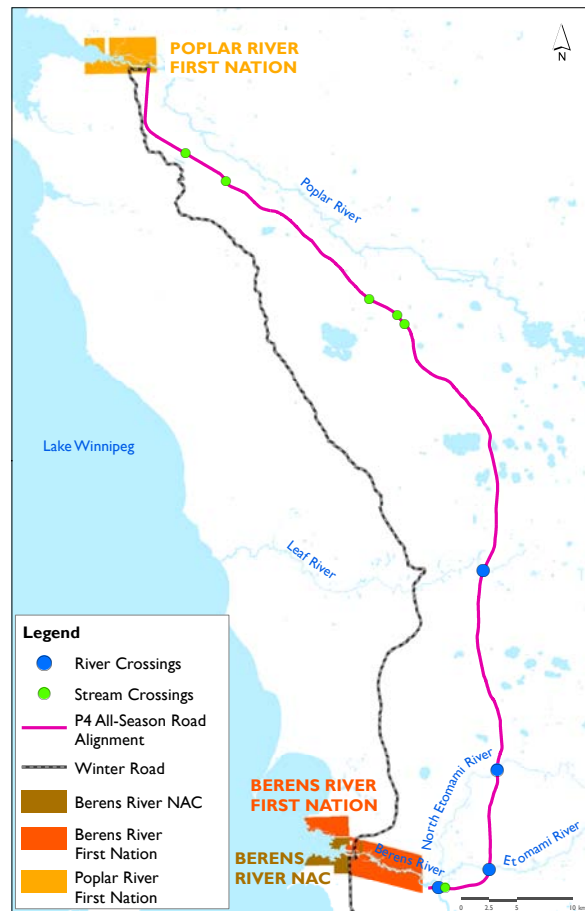
This section of the all-season road network is 94 kilometres long and will include four river crossings (Leaf River, North Etomami River, Etomami River, and Berens River), and six stream crossings.

ESRA has been working closely with First Nation leaders and community members in both Berens River and Poplar River to confirm the road alignment between the two communities. Local input and suggestions have been incorporated into the refinement of the proposed road alignment and into the design. For example, the proposed road alignment has been moved away from sensitive areas identified by the communities and other stakeholders.

### Environmental Impact Assessment (EIA)

An Environmental Impact Assessment (EIA) is required by federal and provincial government regulators for the all-season road. The EIA is used to predict the possible effects of the project on the environment and must be approved by the regulators before construction can start. The goal of the EIA is to identify ways of avoiding or minimizing potential negative effects of the project to the environment. The EIA considers many factors such as:

- Possible effects on wildlife, fish, birds and other species
- Possible disturbance to sensitive land
- Comments and ideas of local residents
- Potential interaction with community land use activities
- Ways the environment can affect the project like fire, floods and climate change.



BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD



# COMMUNITY NEWSLETTER

## SUMMER 2015

### Community Engagement

Communities like Berens River and Poplar River play an important role in the EIA process for road projects on the east side of Lake Winnipeg. Community members have historical knowledge and understanding of their lands and environment which helps ESRA plan the best project possible. The Manitoba government has been interacting with communities on the east side of the Lake since 2000. A number of community meetings have been held this spring and summer in both Berens River and Poplar River to gather information from elders, Chief and council, and other community members. A meeting was also held in Winnipeg to reach out to community members who live in Winnipeg, as well as the general public.



### Community Meetings - What We've Heard So Far

The communities of Berens River and Poplar River shared important information with the ESRA team during these meetings. This included:

- Moose and caribou and their habitats are important for the local communities
- There are sensitive areas that need to be avoided or protected and ESRA's proposed road alignment changes have been well received
- Hunting along the road alignment and during construction should be restricted while access to traplines should be maintained
- Bridges or other river/stream crossing structures should consider continued access by motorized boats, canoes, and snowmobiles
- Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Ongoing communications with communities is important as the project moves forward.



# COMMUNITY NEWSLETTER

## SUMMER 2015

### Next Steps

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The input provided by communities and other stakeholders is important to ESRA and will be factored into the EIA and the design of the project. Another series of community and stakeholder meetings for the EIA are taking place this summer and fall. These meetings will provide the opportunity to engage community members, Chief and council, elders, trappers, harvesters, and other stakeholders. An additional meeting will be held in Winnipeg for those who are not able to attend the in-community meetings and for other stakeholders.



Discussions at these meetings will focus on:

- Providing updated project information
- Reviewing what we heard from you and others
- Discussing ways of avoiding or minimizing potential negative effects of the project.

Notices will be posted in communities in advance of the meeting dates.

### Contact Us

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We want to hear from you. Feedback and input from community members is critical to building the all-season road. Please provide your comments on the attached page.

Or if you have any questions or comments, please contact us at :



#### **Manitoba East Side Road Authority**

200 - 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8

Phone: 204-945-4900 in Winnipeg

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)

**BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD**

**Annex A4-16:**  
Comment Sheet – Winnipeg Open  
House (Round 6)

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# COMMENT FORM

BERENS RIVER TO POPLAR RIVER ALL-SEASON ROAD

Your feedback and input is important in helping us plan the best possible project. Do you have comments, ideas, or information you would like us to consider for the all-season road between Berens River and Poplar River? Please write your comments below and use the back if necessary.

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Please fax or email to ESRA, or drop off at your local Band office.

If you have any questions or comments, please do not hesitate to contact us at :



**Manitoba East Side Road Authority**

200 - 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8  
Phone: 204-945-4900 in Winnipeg  
Toll free: 1-866-356-6355  
Fax: 204-948-2462  
Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)  
[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)



**Annex A4-17:**  
Presentation – Winnipeg Open House  
(Round 6)

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# **EAST SIDE TRANSPORTATION INITIATIVE**

## **Berens River to Poplar River All-Season Road**



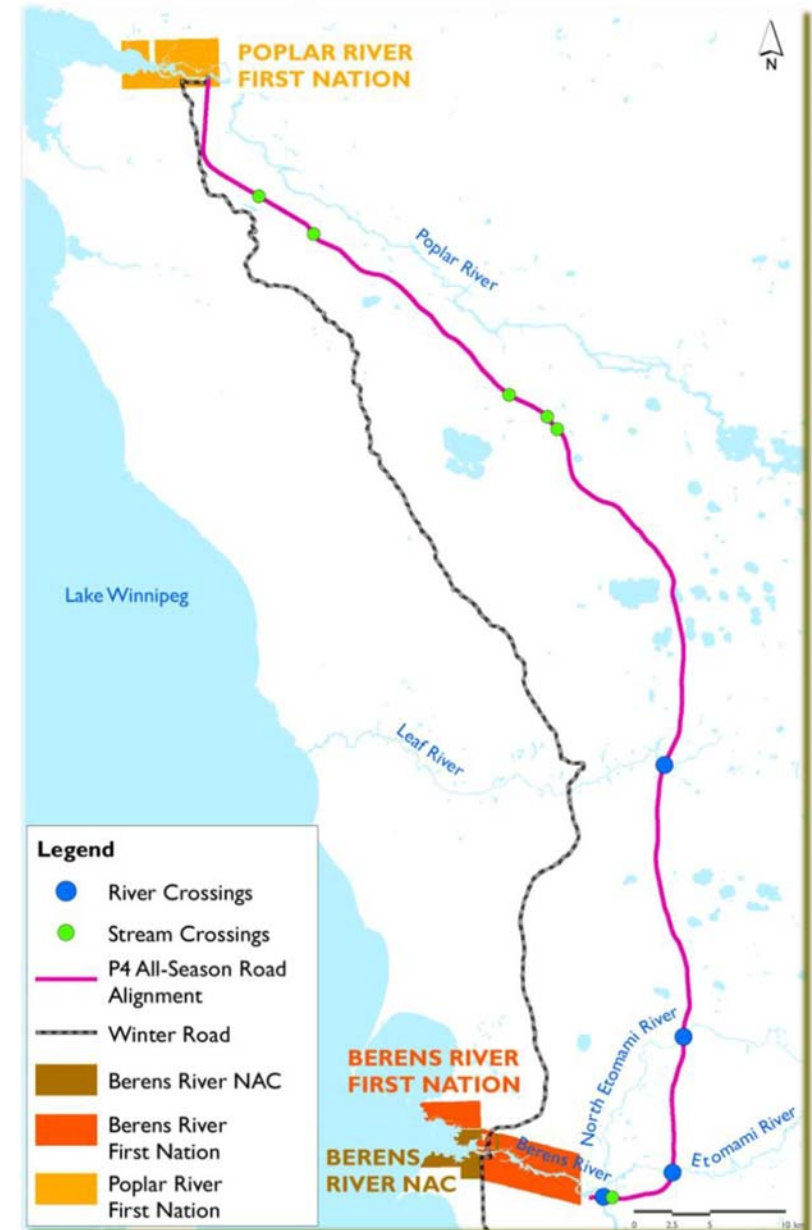
**Winnipeg Community  
Best Western Plus Charterhouse**

September 15, 2015

## Why are we here?

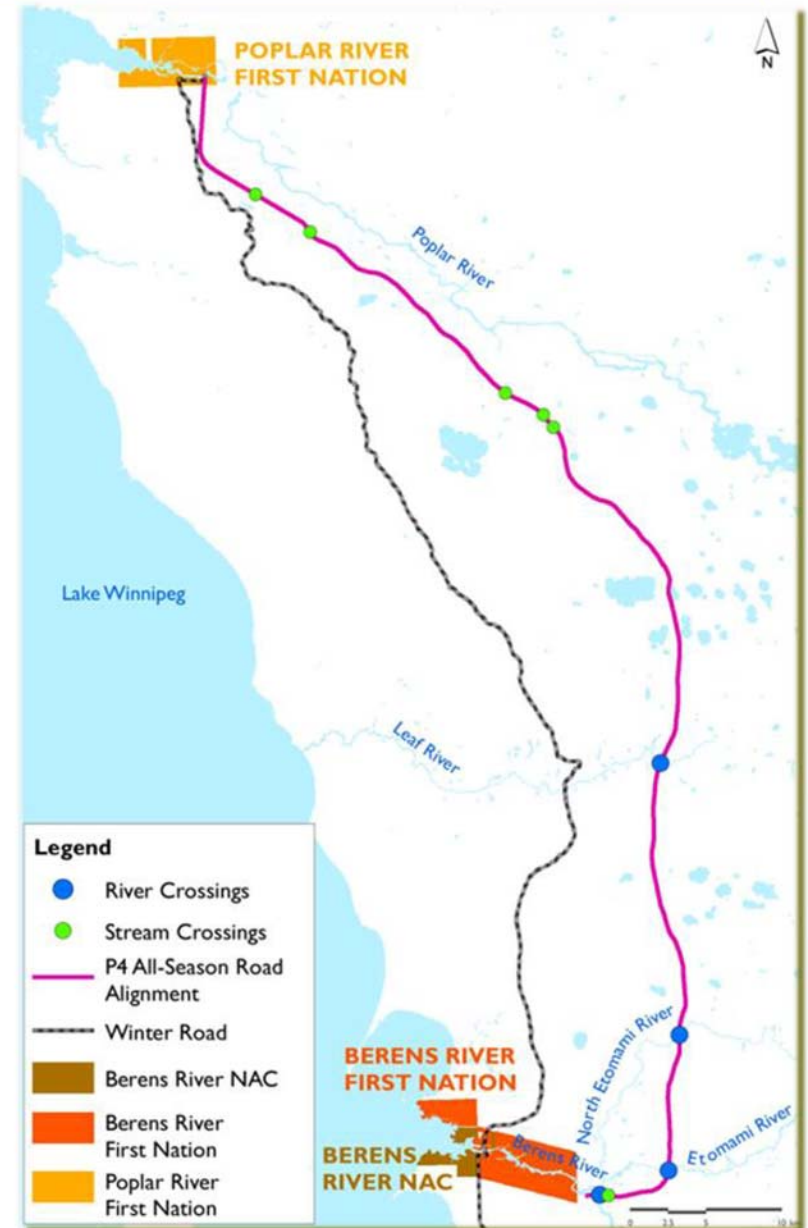
### We are here today to:

- Provide updated project information
- Review what we have heard from your community
- Discuss ways of avoiding or minimizing potential negative effects resulting from the project



## Overview of the Project

- 94 km all-season road connecting Berens River with Poplar River includes:
  - Bridge crossings of 4 rivers:
    - Berens River
    - Etomami River
    - North Etomami River
    - Leaf River
  - Culvert crossings of 6 streams
  - Equalization culverts at multiple locations





**Background Planning**

- 2000 Feasibility Study - assesses transportation options and the feasibility of a road network on the east side of Lake Winnipeg
- 2004 East Side Planning Initiative - generates "Promises to Keep" that identify all-season road planning as a priority objective

**Route Corridor**

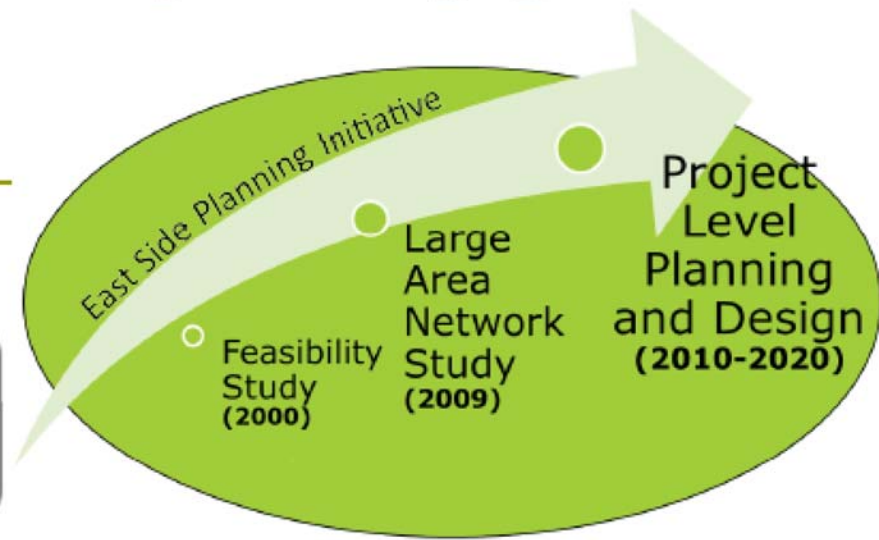
- 2009-2011 Large Area Network Transportation Study
- Assesses network options and recommends route corridors
- Identifies possible road alignments

**Road Alignment**

- 2012 - 2013 Road Alignment Selection
- Local communities and other stakeholders assist with the selection of preferred alignment to study in greater detail

**Final Alignment**

- 2013 - 2015 Environmental and Engineering Studies
- Environmental Impact Assessment to consider possible effects and mitigation
- Refinement of road alignment based on findings of baseline and engineering studies and community, stakeholder and public input



## Prior Community & Stakeholder Discussions

Previously ESRA has met with:

- Berens River, Poplar River, other communities of the East Side of Lake Winnipeg, MMF, Winnipeg-based community members, and other stakeholders

To discuss:

- Routes
- Project details
- Important factors to be considered in the EIA and project planning
- Possible effects
- Mitigation measures



Berens River First Nation/NAC



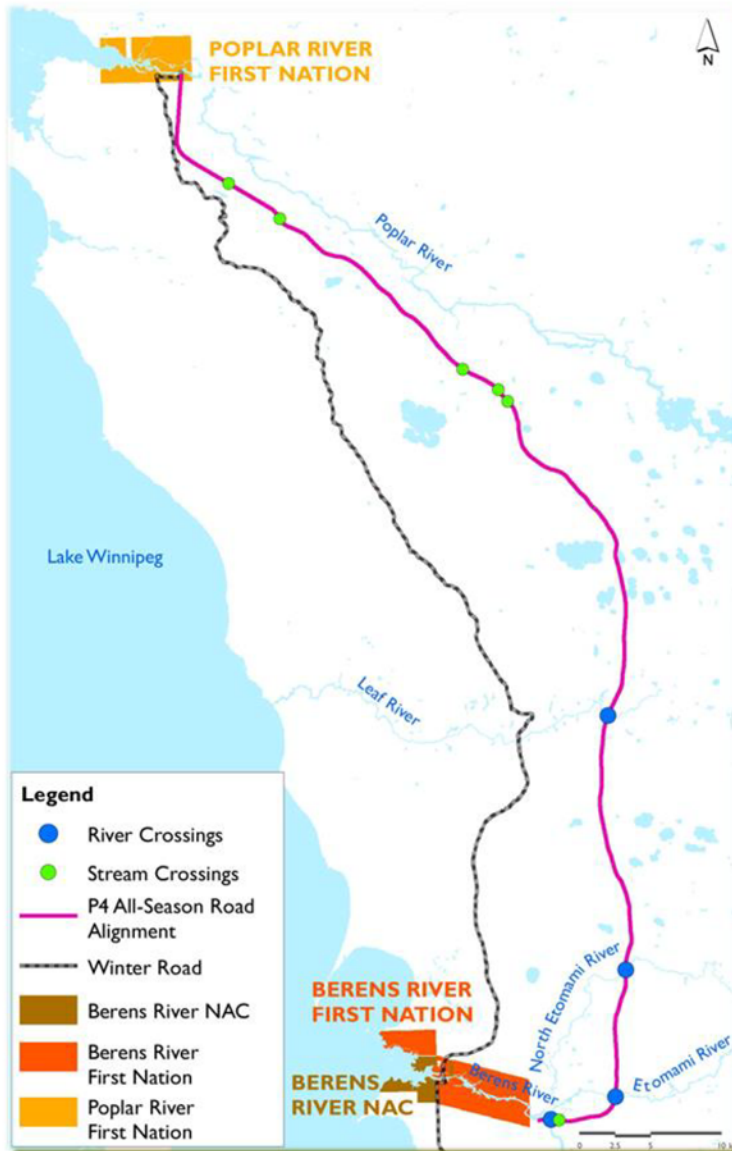
Poplar River First Nation

## What We Heard at April & May 2015 Meetings

- ❑ Support to build the all-season road
- ❑ How to get information about job opportunities
- ❑ Provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- ❑ On-going communication as the project progresses



## What We Heard at April & May 2015 Meetings



- How Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to address sensitive areas
- Travel routes (i.e. trails and waterways) and access to trap lines be maintained and protected
- Restrict hunting along the road alignment and during construction

## What We Heard at April & May 2015 Meetings

- ❑ Protect sensitive sites and areas, prohibit access during construction
- ❑ Moose, caribou, and their habitats are important valued components
- ❑ Sensitive lifecycle stages (i.e. fish spawning) to be considered
- ❑ Potential effects of construction noise and blasting on sensitive areas



## What We Heard at August & September 2015 Meetings



- Generally supportive for proposed mitigation measures, comments relating to location-specific items
- Engage with community to determine appropriate mitigation if cultural or heritage resources are found during construction
- Diverse opinions on restricting boat launch and snow mobile access points at river & stream crossings
- Diverse opinions on avoiding and protecting active nesting/spawning areas and maintain undisturbed no-go zones

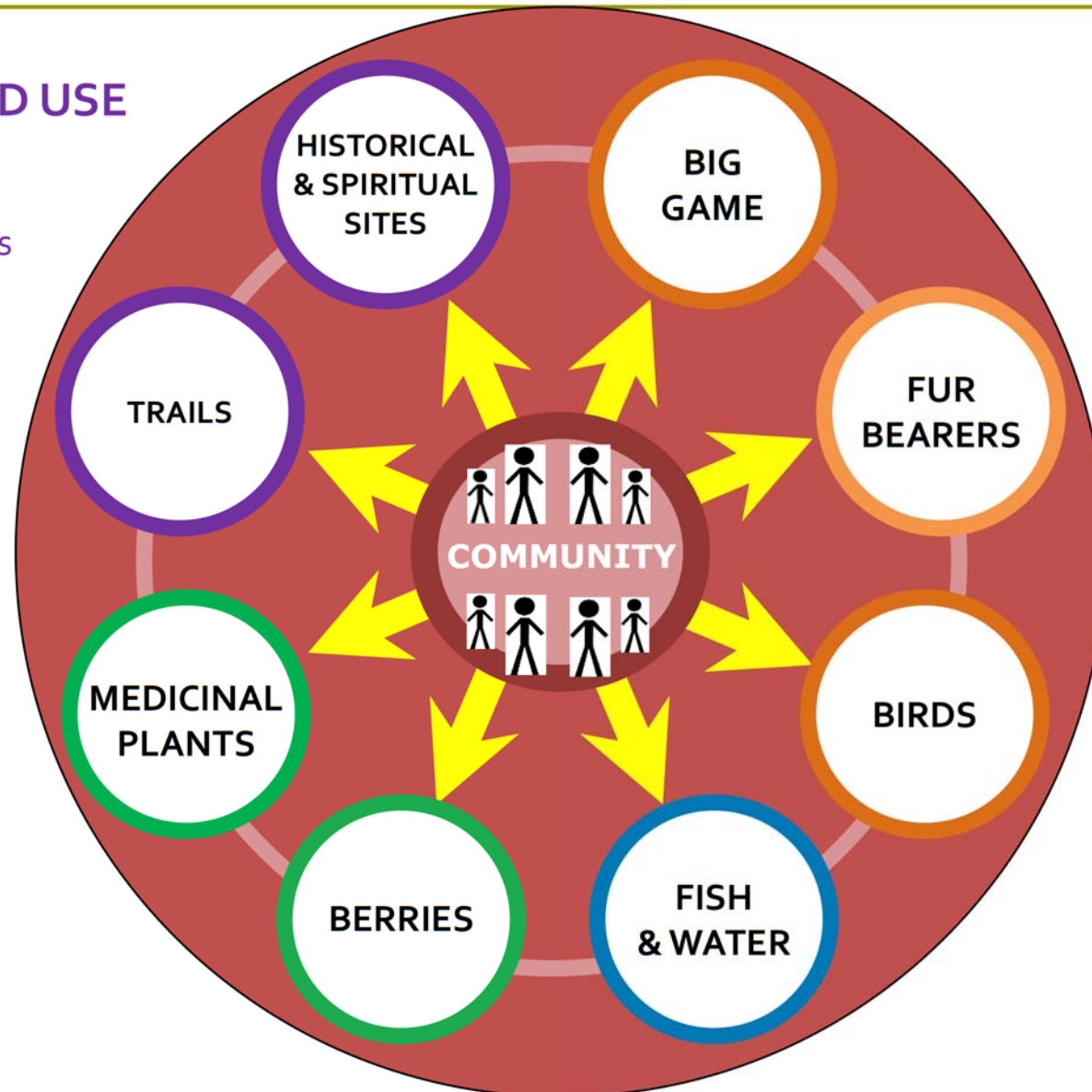
## Traditional Knowledge & Land Use

### CULTURE & LAND USE

- TLU
- Resource use
- Historical resources

### WILDLIFE

- Wildlife
- Biodiversity



### VEGETATION

- Wetlands
- Forestry
- Biodiversity

### FISH & WATER

- Fish
- Hydrology
- Water quality
- Aquatic ecology
- Hydrogeology

# What We Want to Talk About Today





“Mitigation” means ways to:

**Avoid**

**Reduce**

**Repair**

**Offset**

**Monitor**

potential negative effects of the project

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation



Minimize extent of clearing and maintain treed buffers

### Change in habitat



Restrict timing of clearing to fall and winter



Revegetate disturbed areas with native plant species

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict construction  
worker activity to project  
area only

Accidental  
collisions with  
vehicle



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods  
(e.g. calving)



Maintain sightlines  
through mowing and  
brushing, reduce speed  
limits, and use signage

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation

Increased  
public access



Restrict construction  
worker activity to project  
area only



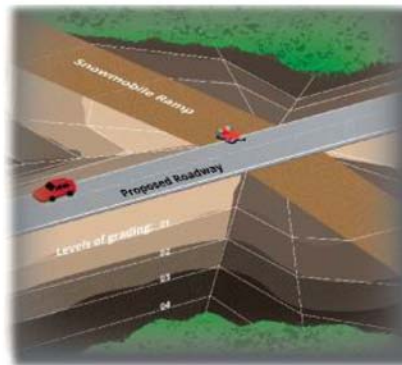
Block and reclaim  
temporary access roads  
following construction

## Possible Effects & Mitigation – Moose Caribou & Fur Bearers

Possible  
Changes



Suggested Mitigation



Maintain access to  
traplines and trails  
during and following  
construction

Increased  
public access



Restrict hunting from  
road

## Possible Effects & Mitigation – Aquatics

### Possible Changes



### Suggested Mitigation

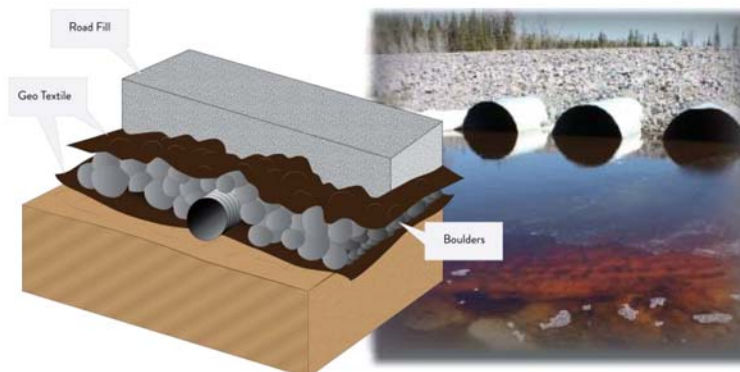
Disturbance from construction activities



Restrict construction worker activity to project area only



Avoid discharge and spills of sediment and fuel through proper management practices



Design culverts for unrestricted passage and natural flows

## Possible Effects & Mitigation – Aquatics & Birds

### Possible Changes



### Suggested Mitigation

Disturbance  
from  
construction  
activities



Restrict high-noise  
activities (e.g. blasting)  
during sensitive periods



Avoid and protect  
active nesting/spawning  
areas and maintain  
undisturbed no-go zones

## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Removal of  
vegetation  
along  
alignment and  
borrow sites



Minimize extent of  
clearing and maintain  
treed buffers



Map important heritage  
and traditional use areas



Revegetate disturbed  
areas with native plant  
species



## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Loss or damage to heritage, cultural, and or community use sites and objects from construction activities



Map important heritage, cultural, or community use sites and objects prior to construction



Identify and maintain undisturbed no-go zones and buffers



Relocate sites or objects

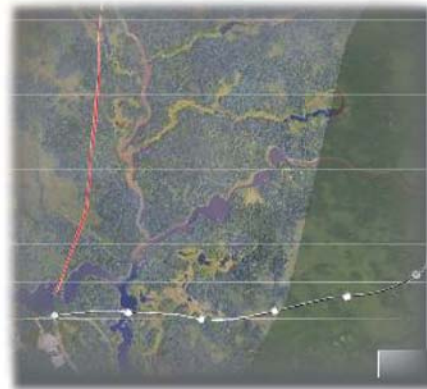
## Possible Effects & Mitigation – Vegetation & Traditional Activities

### Possible Changes



### Suggested Mitigation

Loss of “At Risk”  
plant species



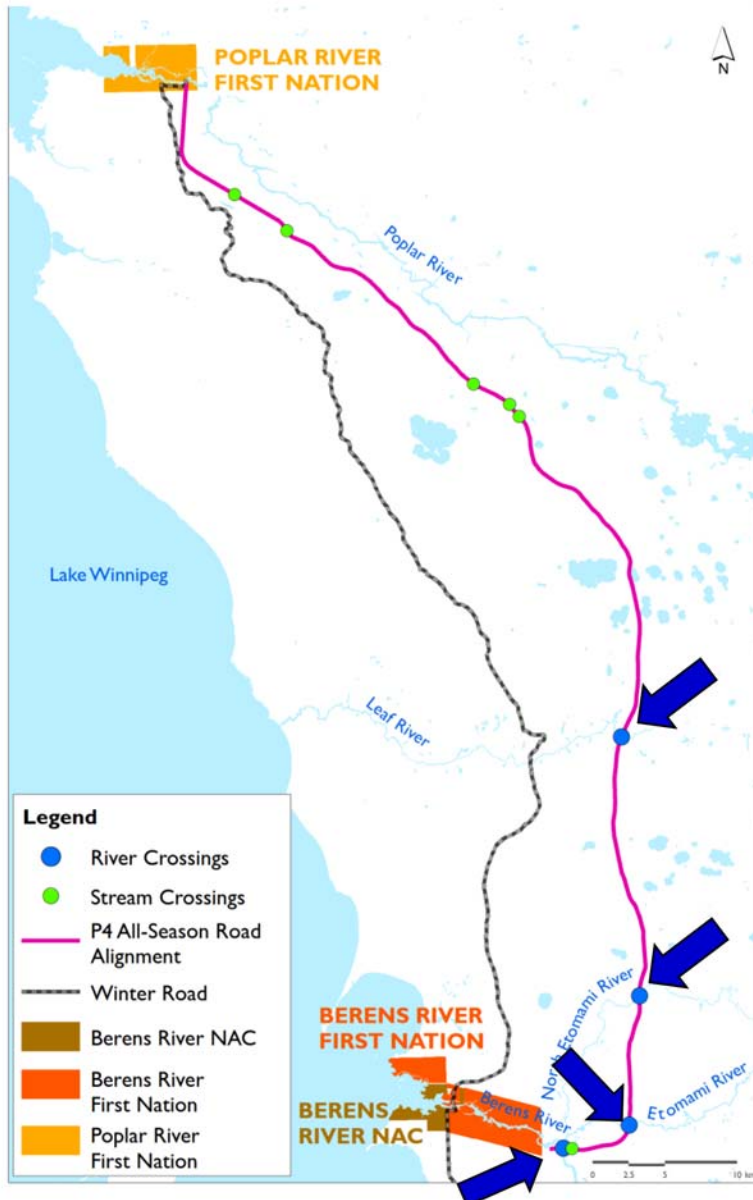
Map plant species of  
concern in baseline  
studies and implement  
protection plans

Changes to  
animal  
populations or  
distribution  
affecting harvest



Protect animal  
populations  
(see animal boards)

## Possible Effects & Mitigation – River Crossings



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes

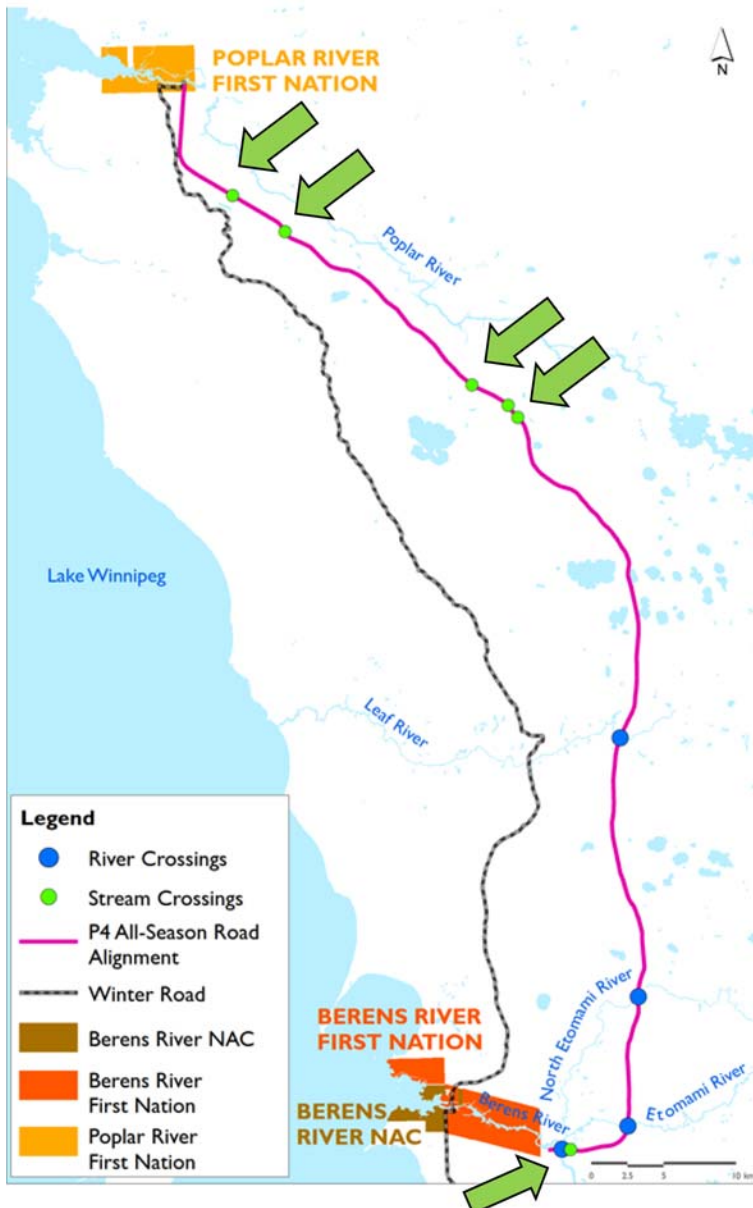


Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges

## Possible Effects & Mitigation - Stream Crossings



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe

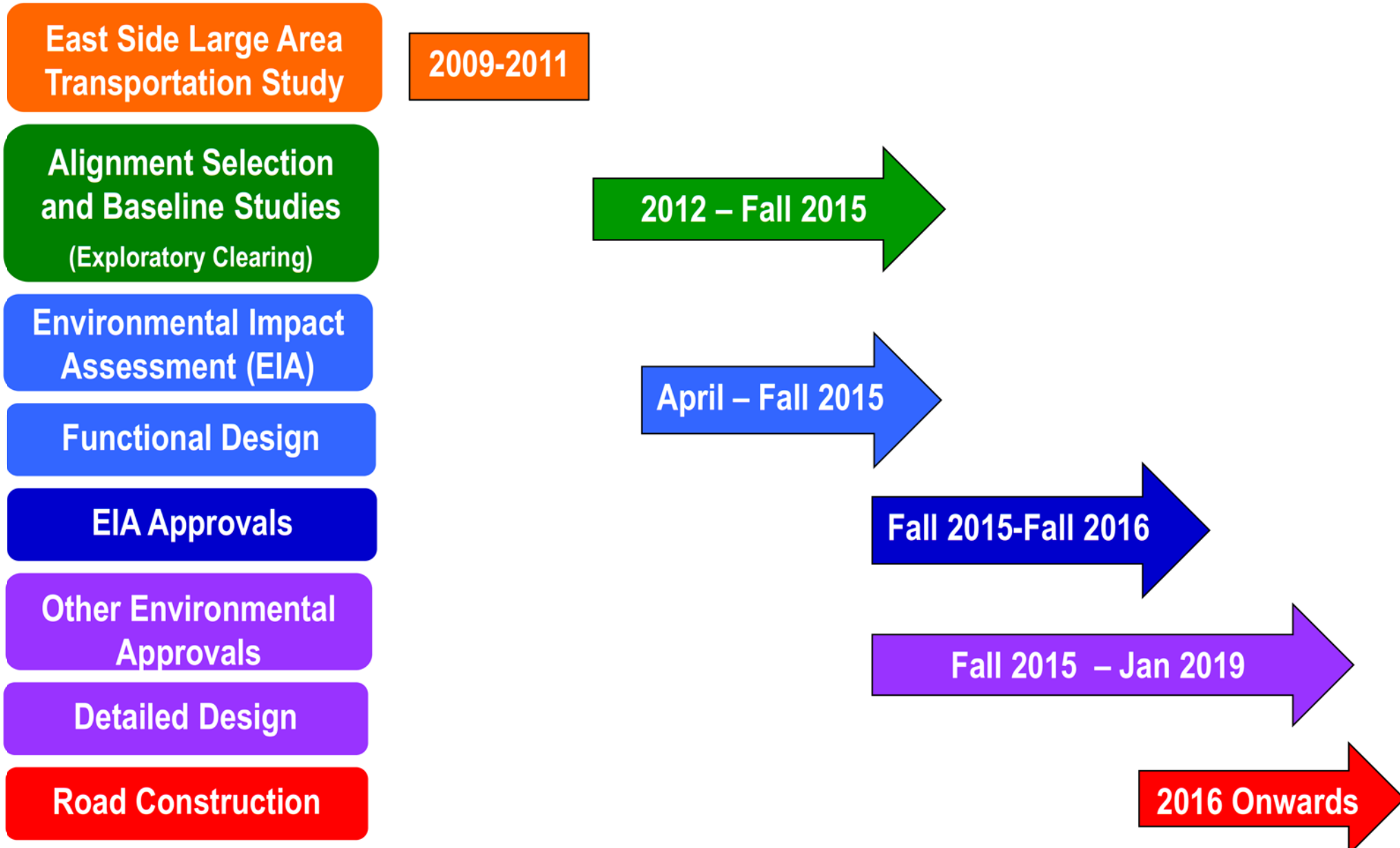


Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around culverts

# Schedule



- ❑ Finalize the EIA document and submit to federal and provincial regulators
- ❑ On-going communications and dialogue with the communities



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***Please stay and talk with us***

**Manitoba East Side Road Authority**

Toll free: 1-866-356-6355

Fax: 204-948-2462

Email: [eastside@gov.mb.ca](mailto:eastside@gov.mb.ca)

[www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)

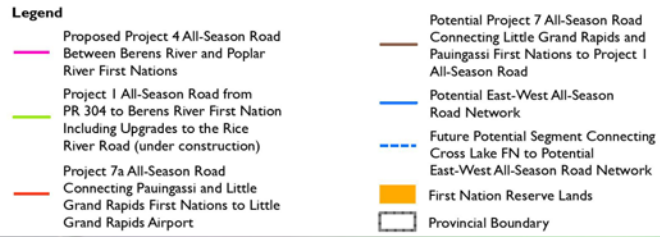
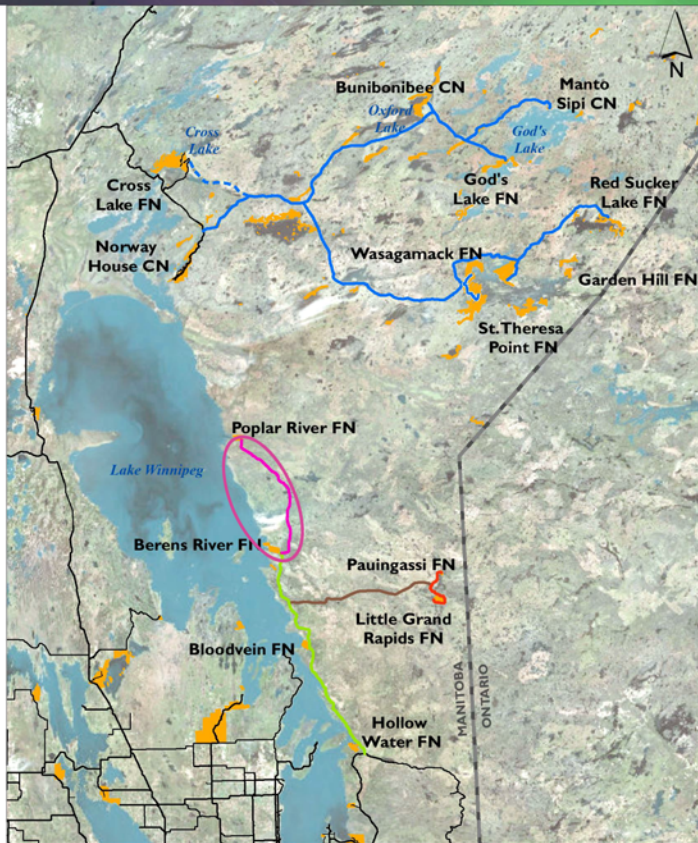


**Annex A4-18:**  
Display Boards – Winnipeg Open House  
(Round 6)

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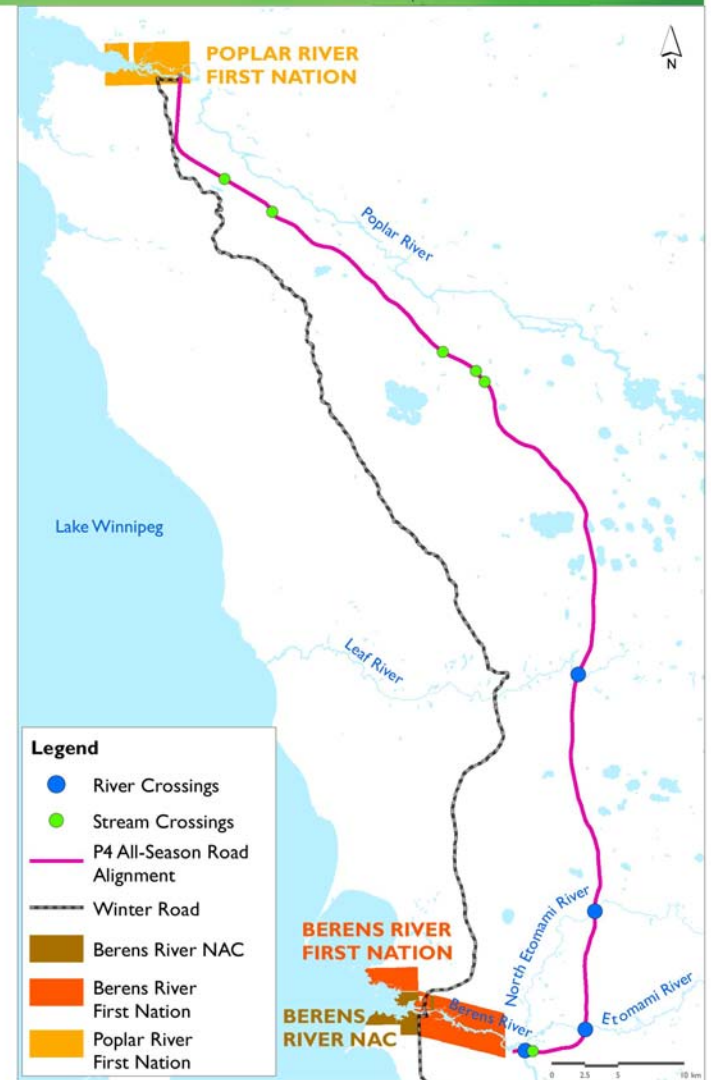
# PROJECT OVERVIEW



This project consists of **94 km** of all-season road connecting Berens River First Nation to Poplar River First Nation.

There will be:

- 4 river crossings at:
  - Leaf River
  - North Etomami River
  - Etomami River
  - Berens River
- 6 stream crossings
- Equalization culverts at multiple locations

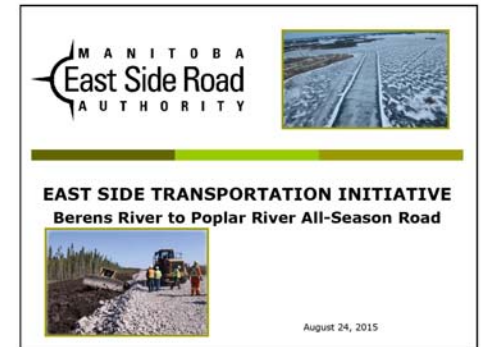
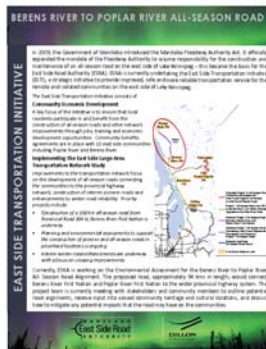
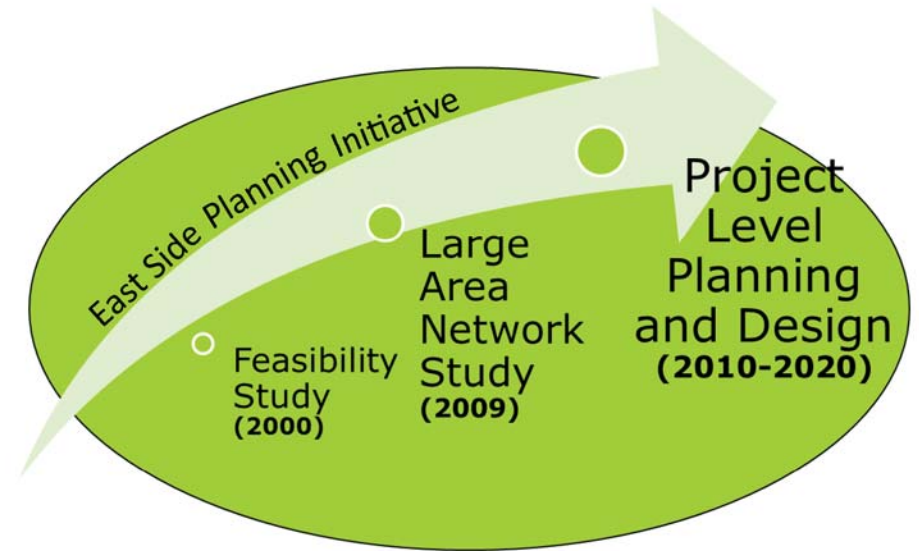


# ALL-SEASON ROAD PLANNING



The Manitoba government began engaging and planning for all-season roads with communities on the East Side of Lake Winnipeg through the 2000 Feasibility Study and the 2009 Large Area Network Study.

In 2015, as part of the Environmental Impact Assessment (EIA) process, ESRA continues to engage and have conversations with communities, elders, Chief and council, other stakeholders, and the public.



## EIA ENGAGEMENT

As part of the Berens River to Poplar River All-Season Road Project, ESRA is discussing the project in terms of:

- Refinement of proposed road alignment
- Valued Components to be considered
- Environmental site conditions
- Potential project effects and measures to avoid or reduce those effects
- Construction employment and training



The most recent meetings were held with communities on:

**Poplar River**  
April 23, 2015  
May 26, 2015  
August 24, 2015

**Berens River**  
April 30, 2015  
May 21, 2015  
September 10, 2015

**Winnipeg-based community members  
and the general public**  
May 28, 2015

## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Support to build the all-season road
- Questions about how to get information about job opportunities
- Request to provide advance notice of construction to allow for cultural and traditional activities prior to start of work
- Request for on-going project-specific communication provided as the project progresses
- Explanations about how Traditional Knowledge discussed is used in the EIA
- Support for alignment changes made to avoid sensitive areas



Traditional Knowledge



Cultural Activities



Alignment Changes



Job Opportunities

## WHAT WE HEARD

**Common topics discussed during the meetings included:**

- Request to protect sensitive sites and areas, consider setbacks, restrict access, and erect temporary barriers to prohibit access during construction
- Confirmation that moose, caribou, and their habitats are important valued components
- Request for sensitive lifecycle stages (i.e. spawning fish) to be considered
- Request for travel routes (i.e. trails and waterways) and access to traplines to be maintained and protected
- Support for restricting hunting along the road alignment and during construction
- Interest in the potential effects of construction noise and blasting on sensitive areas



Access Restrictions



Caribou



Nesting Areas



Travel Routes

# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

Change in habitat



Minimize extent of clearing and maintain treed buffers



Restrict timing of clearing to fall and winter



Revegetate disturbed areas with native plant species

Accidental collisions with vehicles



Maintain sightlines through mowing and brushing, reduce speed limits, and use signage

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	MOOSE	CARIBOU	FUR-BEARERS	
Minimize extent of clearing and maintain treed buffers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Restrict timing of clearing to fall and winter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Revegetate disturbed areas with native plant species	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Maintain sightlines through mowing and brushing, reduce speed limits, and use signage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# MOOSE, CARIBOU, & FURBEARERS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

		APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
		MOOSE	CARIBOU	FUR-BEARERS	
Disturbance from construction activities	<p>Restrict construction worker activity to project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
	<p>Restrict high-noise activities (e.g. blasting) during sensitive periods (e.g. calving)</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
Increased public access	<p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
	<p>Restrict hunting from road</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION





Change in habitat		Minimize extent of clearing and maintain treed buffers around waterbodies
		Restrict timing of clearing to fall and winter
		Restore disturbed areas with native plant species and construct new habitat to offset losses
Accidental collisions with vehicles		Maintain sightlines through mowing and brushing, reduce speed limits, and use signage

BIRDS	APPLIES TO:		IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	FISH	REPTILES & AMPHIBIANS	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
		<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO



# BIRDS, FISH, REPTILES, & AMPHIBIANS


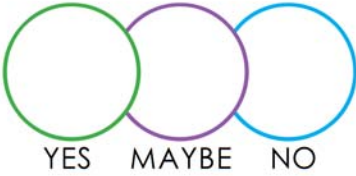

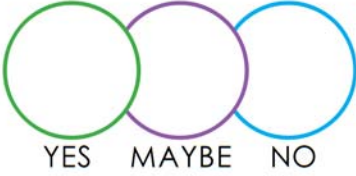

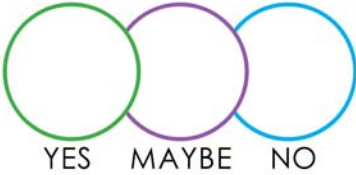

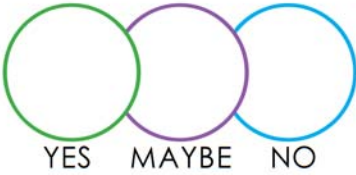
## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
 <p>Restrict construction worker activity to project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Restrict high-noise activities (e.g. blasting) during sensitive periods</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Avoid and protect active nesting/spawning areas and maintain undisturbed no-go zones</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
 <p>Design culverts for unrestricted passage and natural flows</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

Disturbance from construction activities


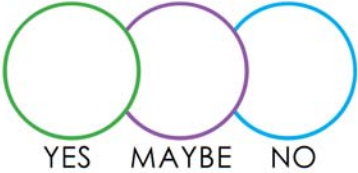

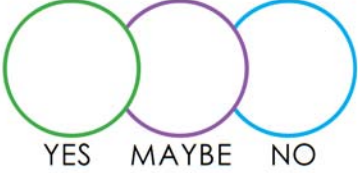

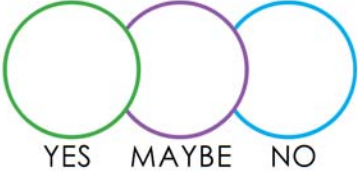
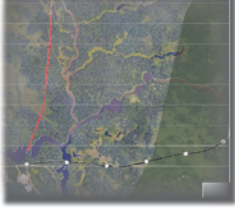
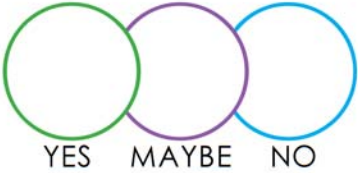
# BIRDS, FISH, REPTILES, & AMPHIBIANS

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	BIRDS	FISH	REPTILES & AMPHIBIANS	
<p>Disturbance from construction activities</p>  <p>Avoid discharge and spills of sediment and fuel through proper management practices</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict construction worker activity to the project area only</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Increased public access</p>  <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Restrict hunting from road</p>	<input checked="" type="checkbox"/>			





# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Minimize extent of clearing and maintain tree buffers</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Removal of vegetation along alignment and at borrow sites</p>  <p>Map important heritage and traditional use areas</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Revegetate disturbed areas with native plant species</p>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<p>Loss of "At Risk" plant species</p>  <p>Map plant species of concern in baseline studies and implement protection plans</p>	<input checked="" type="checkbox"/>			


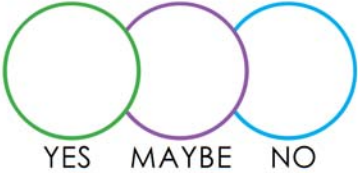

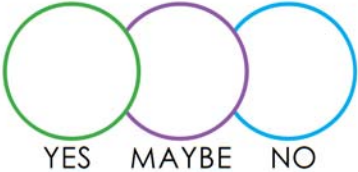
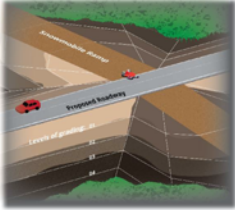
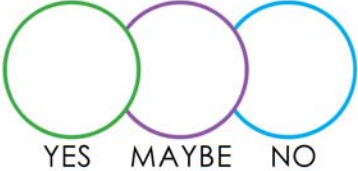
# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

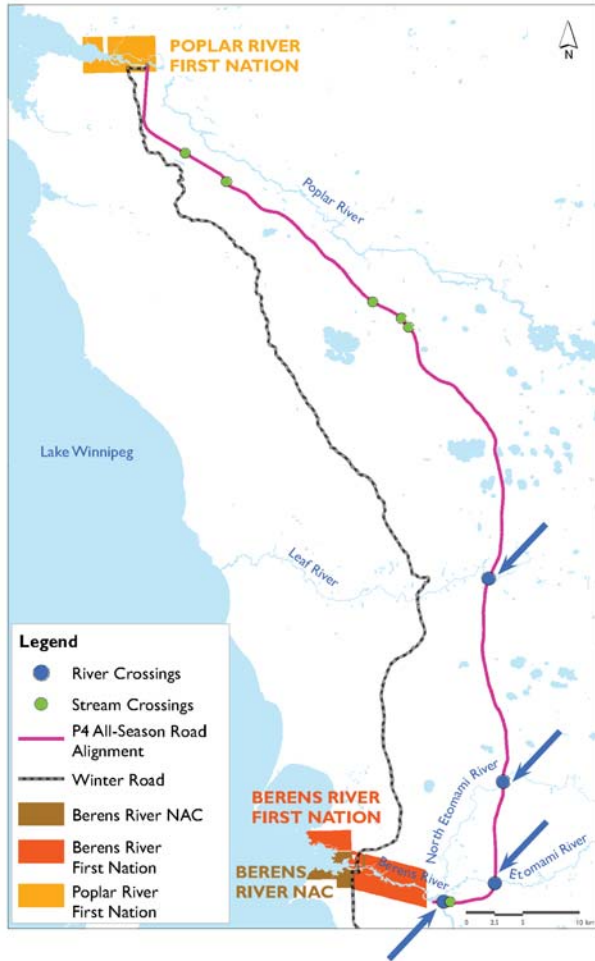
	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
<p>Loss or damage to heritage, cultural, and/or community use sites and objects from construction activities</p>  <p>Map important heritage, cultural, or community use sites and objects prior to construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<p>Identify and maintain undisturbed no-go zones and buffers</p> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<p>Relocate sites or objects</p> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO
<p>Changes to animal populations or distribution affecting harvest</p>  <p>Protect animal populations (see animal boards)</p>			<input checked="" type="checkbox"/>	<input type="radio"/> YES <input type="radio"/> MAYBE <input type="radio"/> NO

# VEGETATION & TRADITIONAL ACTIVITIES

## POSSIBLE CHANGES → SUGGESTED MITIGATION

	APPLIES TO:			IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?
	VEGETATION	HERITAGE	TRADITIONAL USE	
 <p>Block and reclaim temporary access roads following construction</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Increased public access</p>  <p>Restrict hunting from road</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
 <p>Maintain access to traplines and trails during and following construction</p>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

# RIVER CROSSINGS



## SUGGESTED MITIGATION



Construct multi-span bridge over Berens River to maintain travel routes



Construct clear-span bridges over Etomami, North Etomami, and Leaf rivers to maintain travel routes



Restrict boat launch and snowmobile access points around bridges



Implement appropriate erosion and sediment control around bridges

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

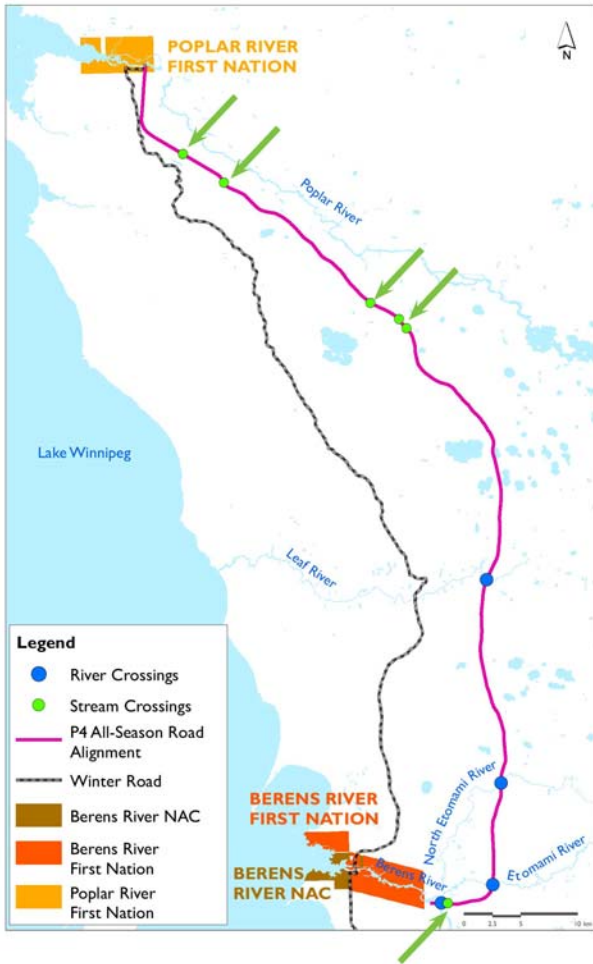
YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

# STREAM CROSSINGS



## SUGGESTED MITIGATION



Construct culverts to maintain travel routes over streams



Provide portage access points for travel by canoe



Restrict boat launch and snowmobile access points around stream crossings



Implement appropriate erosion and sediment control around culverts

IS THE SUGGESTED MITIGATION IMPORTANT TO YOU?

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

YES MAYBE NO

**Annex A4-19:**  
Welcome Boards – Winnipeg Open  
House (Round 6)

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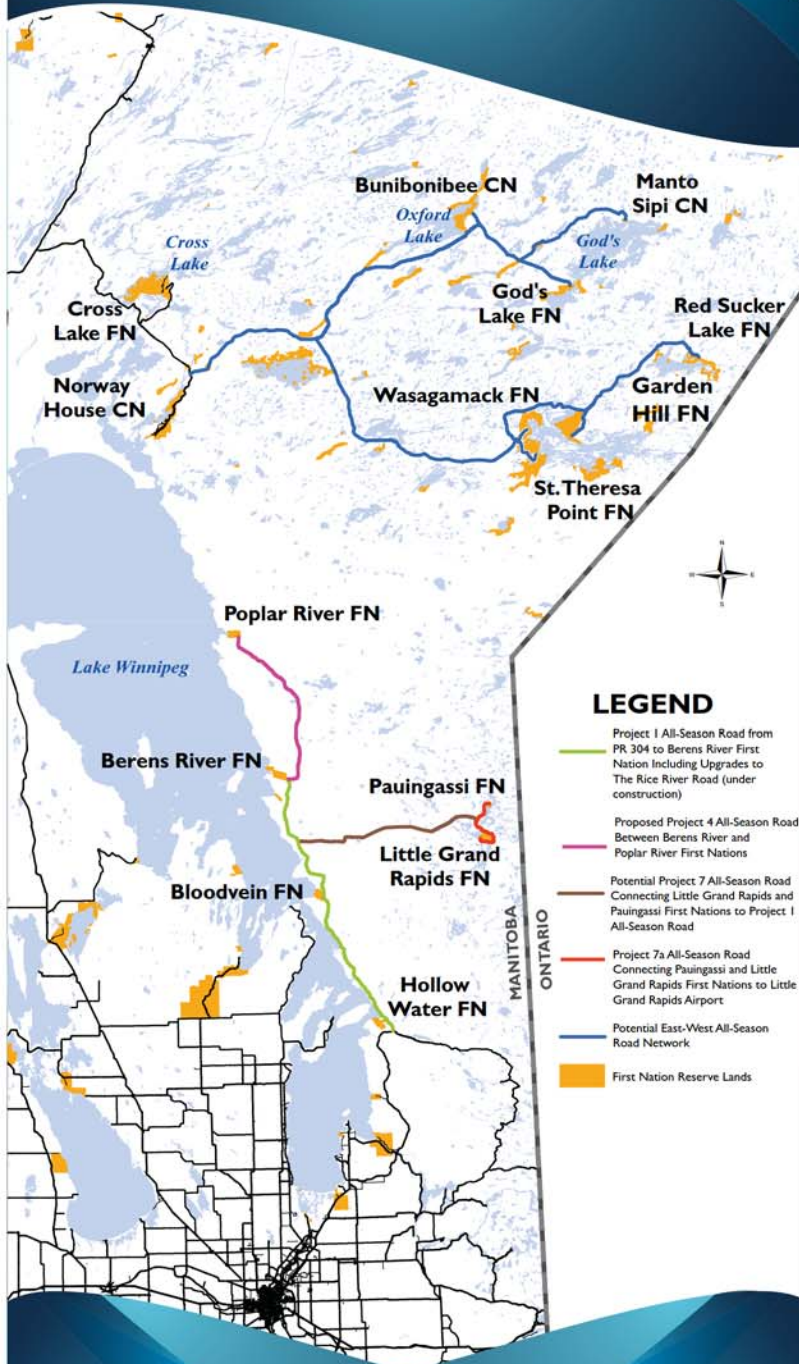


WELCOME

MANITOBA  
East Side Road  
AUTHORITY



# EAST SIDE TRANSPORTATION INITIATIVE ROAD NETWORK



## LEGEND

- Project 1 All-Season Road from PR 304 to Berens River First Nation Including Upgrades to The Rice River Road (under construction)
- Proposed Project 4 All-Season Road Between Berens River and Poplar River First Nations
- Potential Project 7 All-Season Road Connecting Little Grand Rapids and Pauingassi First Nations to Project 1 All-Season Road
- Project 7a All-Season Road Connecting Pauingassi and Little Grand Rapids First Nations to Little Grand Rapids Airport
- Potential East-West All-Season Road Network
- First Nation Reserve Lands

# STEPS IN THE CONSTRUCTION OF AN ALL-SEASON ROAD

## Planning & Design



## Construction



## Maintenance



**THANK YOU  
FOR COMING**



For more information please contact  
**The Manitoba East Side Road Authority**  
1-866-356-6355 | [www.eastsideroadauthority.mb.ca](http://www.eastsideroadauthority.mb.ca)

