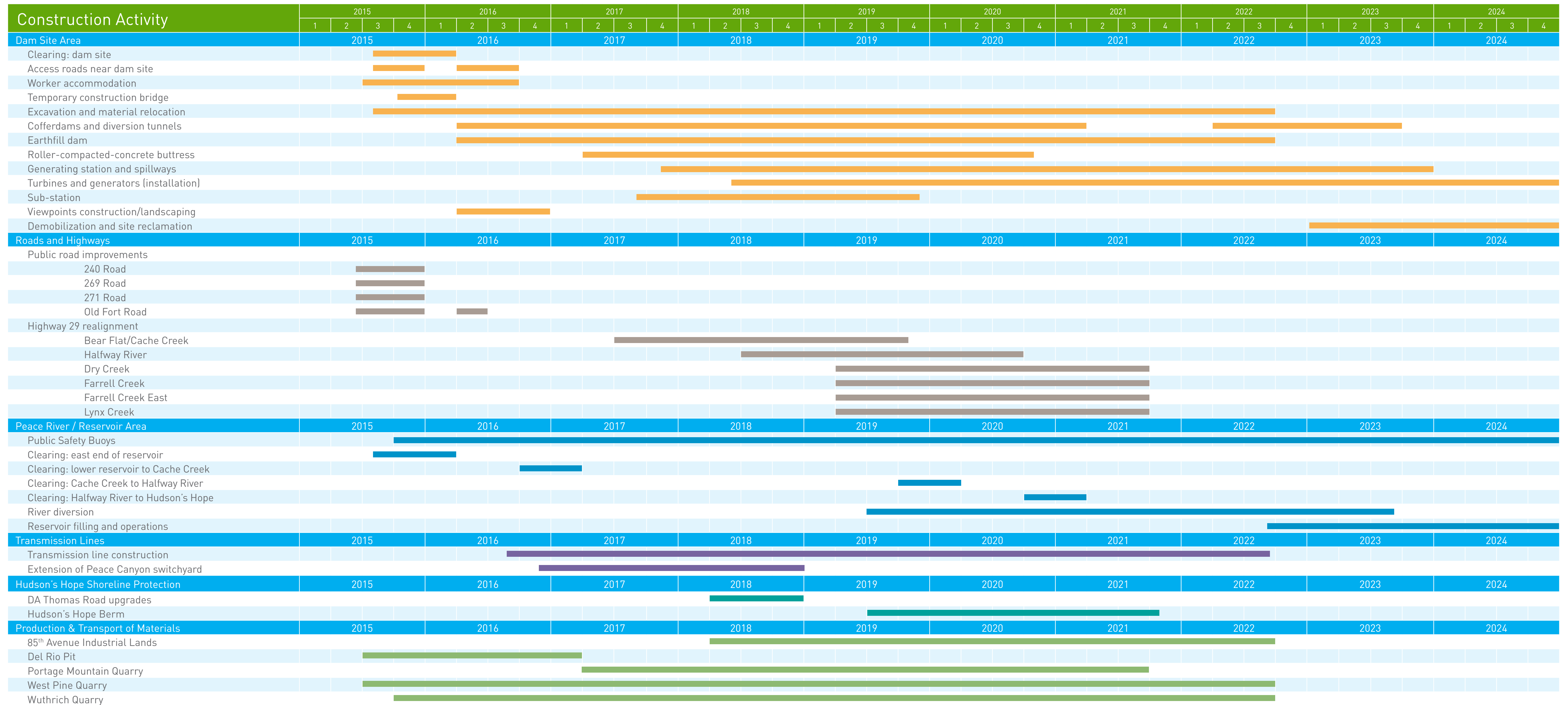


PRELIMINARY CONSTRUCTION SCHEDULE



The construction schedule is indicative only and subject to change. The purpose of the schedule is to illustrate the general sequence of construction activities, but the dates and schedule may change.

BUILDING THE SITE C CLEAN ENERGY PROJECT

Roads & Highways

- Upgrades to 240, 269, 271 and Old Fort roads
- Realignment of six segments of Highway 29

Timeline: 2015–2016 (upgrades); 2017–2021 (Highway 29)

Hudson's Hope Shoreline Protection

- Upgrades to DA Thomas Road
- Construction of a berm along the shoreline
- Re-paving of Clarke Avenue, if required.

Timeline: 2018–2021

Peace River / Reservoir Area

- Public Safety Buoys installed 3.0 km upstream and 3.5 km downstream of the dam site
- Clearing activities, river diversion and reservoir filling

Timeline: Late 2015 (Public Safety Buoys); 2015–2021 (clearing); 2019–2023 (river diversion); 2022–2023 (reservoir filling and operations)

Dam Site Area

- Site-preparation activities: clearing trees and vegetation, building access roads, a construction bridge, a worker camp, viewpoint, as well as excavation
- Construction activities: cofferdams and diversion tunnels, RCC buttress, earthfill dam, generating station, spillways and substation

Timeline: 2015–2016 (site preparation); 2016–2024 (project construction)

Transmission Lines

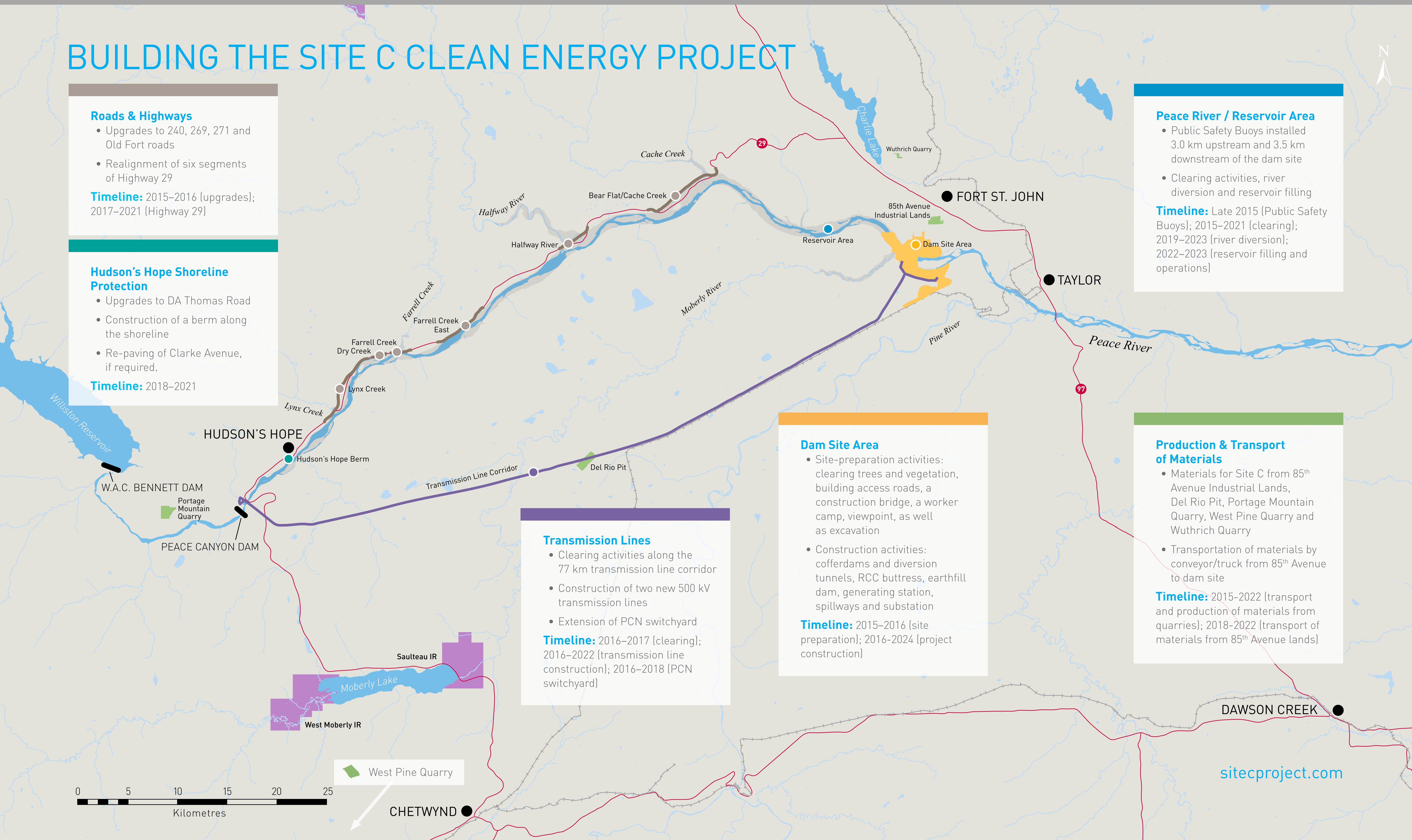
- Clearing activities along the 77 km transmission line corridor
- Construction of two new 500 kV transmission lines
- Extension of PCN switchyard

Timeline: 2016–2017 (clearing); 2016–2022 (transmission line construction); 2016–2018 (PCN switchyard)

Production & Transport of Materials

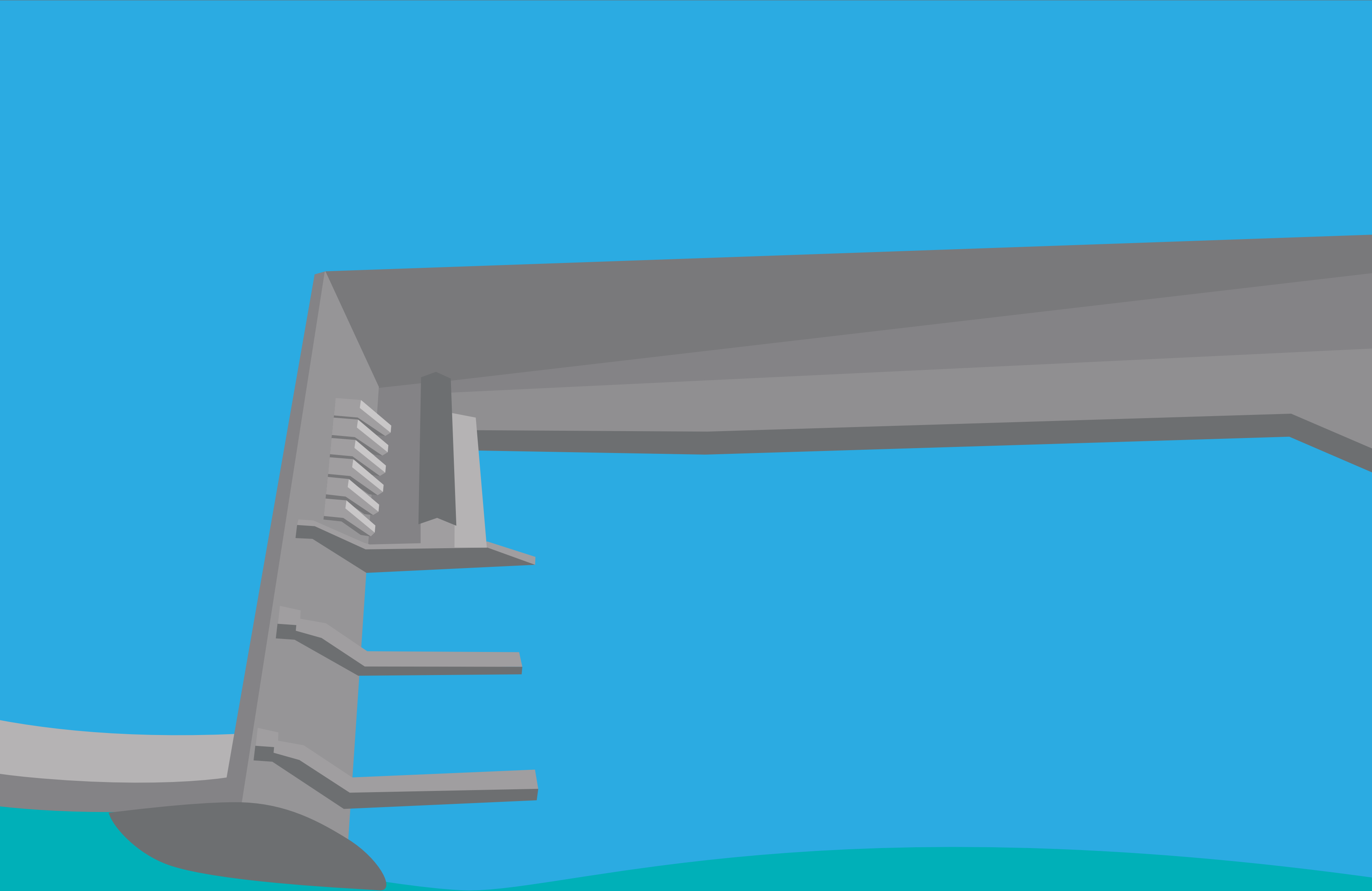
- Materials for Site C from 85th Avenue Industrial Lands, Del Rio Pit, Portage Mountain Quarry, West Pine Quarry and Wuthrich Quarry
- Transportation of materials by conveyor/truck from 85th Avenue to dam site

Timeline: 2015–2022 (transport and production of materials from quarries); 2018–2022 (transport of materials from 85th Avenue lands)



 West Pine Quarry

SITE C AND COMMUNITY BENEFITS




The construction and operation of Site C will provide benefits for communities in the Peace Region, along with potential effects. That's why BC Hydro has committed to mitigate the potential effects of the project and provide lasting benefits for the Peace Region.

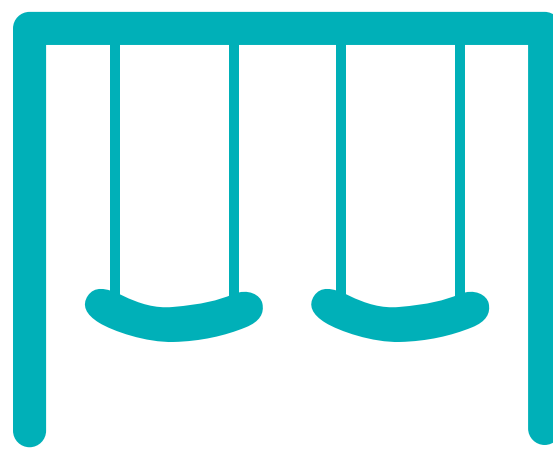

SUPPORTING COMMUNITY SERVICES

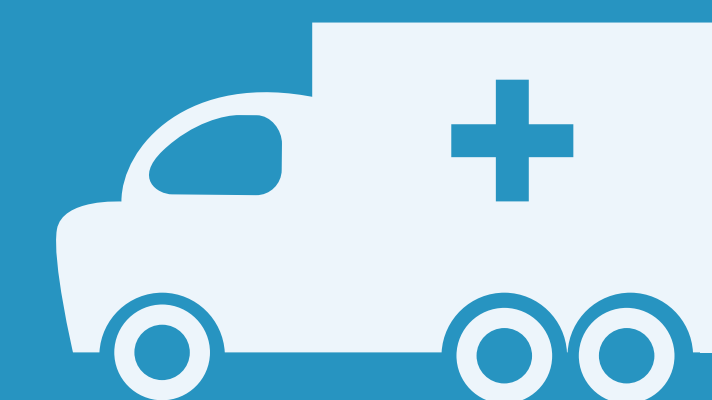
Some of the community services and infrastructure measures that BC Hydro is committing to support in the Peace Region during Site C construction include:

\$1 MILLION +

to support non-profit organizations

50  new affordable housing units

Additional  **A**  daycare spaces in Fort St. John



SUPPORT ROAD RESCUE SERVICES



FUNDING TO THE RCMP TO INCREASE POLICING RESOURCES IN THE REGION

ENHANCING RECREATION AND TOURISM

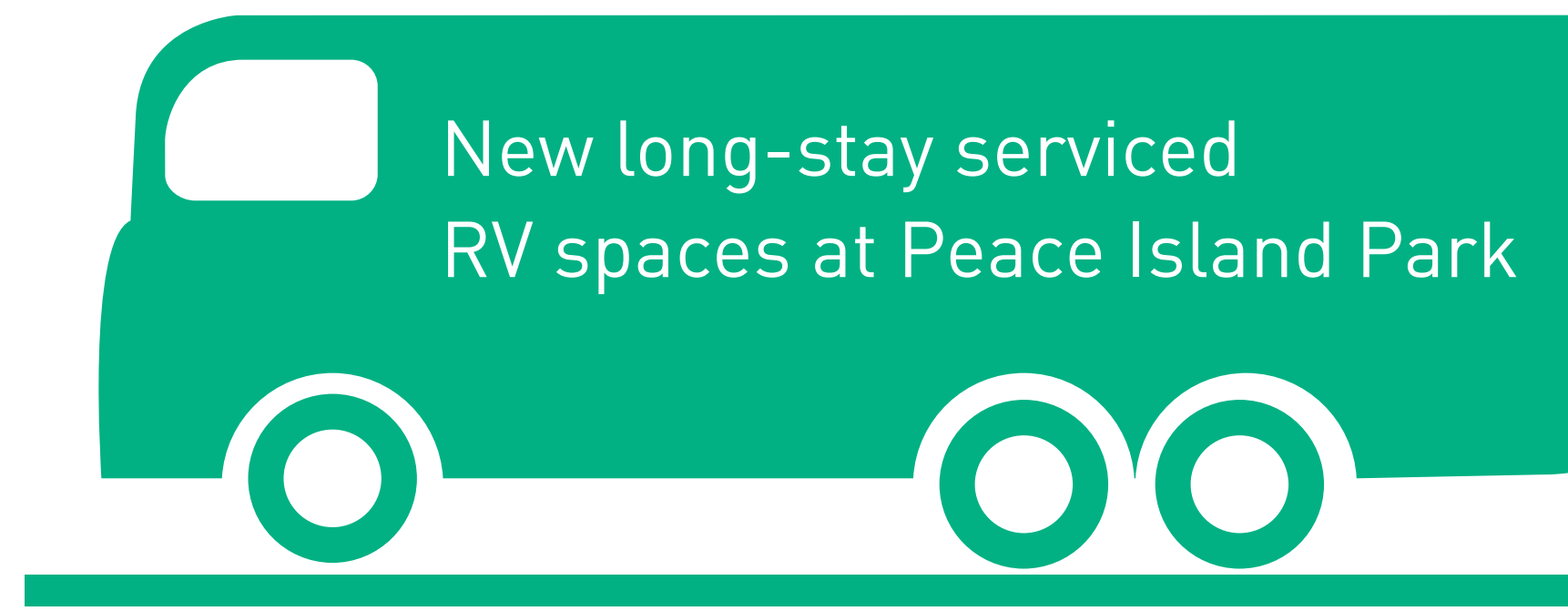
BC Hydro will fund tourism improvements, including building a viewpoint overlooking the Site C dam. Other key recreation and tourism initiatives include:

\$200,000
for a community recreation site fund

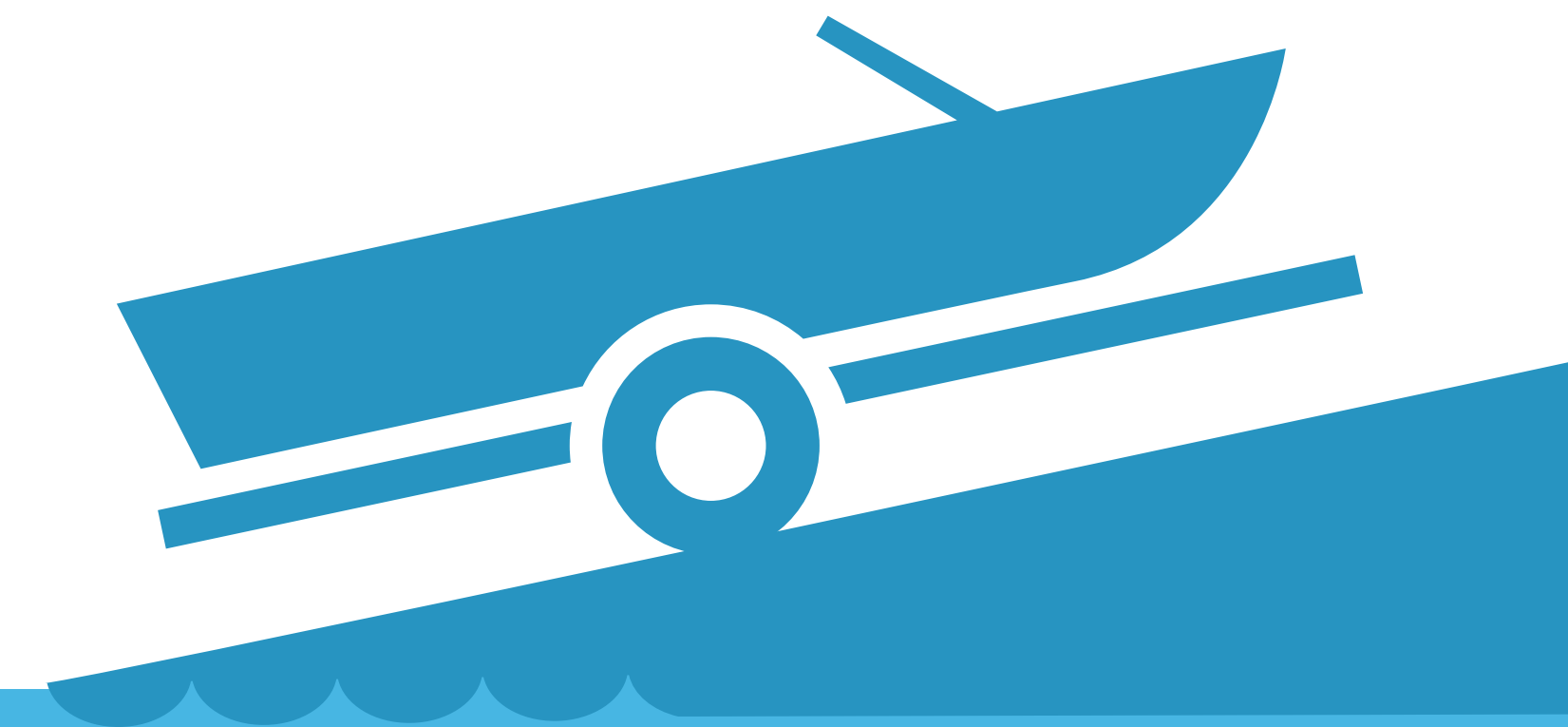


\$200,000

for the development of a navigation and recreation opportunities plan



New long-stay serviced RV spaces at Peace Island Park



3 new permanent Site C reservoir boat launch areas

REGIONAL LEGACY BENEFITS

A Regional Legacy Benefits Agreement between BC Hydro and the Peace River Regional District and its member municipalities will provide **\$2.4 million** annually for **70 years**, starting when Site C is operational.

\$2.4 MILLION/yr

annual funding that will be indexed to inflation

INCREASING SKILLS TRAINING

BC Hydro is making investments to increase access to skills and trades training in the Peace Region. To date BC Hydro has invested:

\$1 MILLION

to Northern Lights College Foundation to support trades and skills training through the creation of student bursaries

\$184,000

to Northern Opportunities for the creation of a school district career counsellor position to help students transition into trades and career training

\$100,000

to the North East Native Advancing Society to support trades training under its North East Aboriginal Trades Training program

\$175,000

over five years to Northern Opportunities for its pre-apprenticeship program

OUR CONSTRUCTION PRINCIPLES

- We will uphold a **safety-first culture** for the people working on the Site C project and for people living and travelling near our construction sites.
- We will strive to **minimize construction-related impacts** to residents, businesses, property owners, communities and Aboriginal groups in the Site C project area.
- We will **inform and notify** Peace region residents, businesses, property owners, communities and Aboriginal groups about Site C construction activities and schedule.
- We will foster a **two-way dialogue** between BC Hydro and Peace region residents, businesses, property owners, communities and Aboriginal groups to ensure we are aware of local interests, issues and concerns.
- We will **promote business and job opportunities** for local, regional and Aboriginal companies and workers during Site C construction.



TRAFFIC MANAGEMENT

CONSTRUCTION ACTIVITY

The construction of Site C will require the transportation of workers, equipment and materials, which will result in some additional traffic in the following areas:

- 240, 269, Old Fort roads and 85th Avenue (traffic to dam site)
- Highway 97 North (Fort St. John to Taylor and Dawson Creek)
- Highway 97 South (Chetwynd)
- Highway 29 North (Hudson's Hope to Fort St. John)
- Hudson's Hope (Canyon Drive)

ANTICIPATED TIMELINE

2015 to 2024

ADDITIONAL INFORMATION

- Construction-related traffic will peak in the mornings and late afternoons when worker shift changes occur. There will also be truck traffic throughout the day delivering equipment and materials to the dam site.

- A project-wide traffic management plan will apply to all work sites and public roads used for project purposes, and includes measures to reduce disruption and support road safety for the travelling public and Site C workers.
- Mitigation measures include:
 - Providing airport shuttle services to reduce traffic from out-of-town workers and a leisure shuttle for workers
 - Using a conveyor system to transport materials from the 85th Avenue Industrial Lands to reduce truck traffic
 - Restricting truck traffic during hours when the school bus is in operation
 - Installing new lighting and message boards in Taylor to support traffic on Highway 97
 - Deploying speed reader signs as required along project routes
 - Increased snow removal on MoTI roads that are used for the project

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLANS

CONSTRUCTION ACTIVITY

During the construction of Site C, BC Hydro will have programs in place to monitor noise levels, air quality and water quality.

OUR APPROACH

BC Hydro has developed Construction Environmental Management Plans which include:

- Groundwater Protection Plan
- Air Quality Management Plan
- Blasting Management Plan
- Noise and Vibration Management Plan
- Surface Water Quality Management Plan

These plans were provided for comment to regulatory agencies, the Peace River Regional District, the City of Fort St. John and the District of Hudson's Hope.

BC Hydro will manage construction-related effects on residents, businesses, property owners, communities and Aboriginal groups in the Site C project area.

Contractors are required to hire environmental monitors. An independent environmental monitor will also monitor and report directly to regulators on compliance.

NOISE

- Where feasible, using acoustic barriers, fencing, and vegetative screens to muffle noise
- Using appropriate silencers and mufflers on equipment
- Using equipment that meets current industrial and regulatory standards

AIR QUALITY

- Dust suppression systems on equipment
- Covering loads or materials that may emit dust
- Suppressing dust on unpaved roads with water or another approved dust suppressant

WATER QUALITY

- Sediment control and stormwater management
- Treatment of waste water

SITE PREPARATION ACTIVITIES

ACTIVITIES

The first step in building Site C is to prepare the dam site area for construction. Site preparation activities include:

- Clearing trees and vegetation on the north and south banks of the dam site area and along the Moberly River.
- Constructing access roads and a 325-metre-long construction bridge across the Peace River at the dam site.
- Excavation work and the relocation of materials within the dam site area.
- Building a 1,600-person worker accommodation camp at the dam site.
- Constructing a new siding near the existing Septimus siding on the CN railway line on the south bank within the dam site area.
- Installing power and telecommunications infrastructure required for construction at the dam site.

ANTICIPATED TIMELINE

2015 to 2016

ADDITIONAL INFORMATION

- There will be truck traffic in the Fort St. John and Old Fort areas starting in summer 2015 as construction crews mobilize to the Site C dam site and project area.
- Some noise and dust may result in the vicinity of the dam site as construction starts on a worker accommodation camp, material excavation and a construction bridge across the Peace River. BC Hydro will monitor noise and dust levels closely to ensure they are within allowable standards.
- BC Hydro has proposed measures to manage construction-related impacts such as noise and dust, and will ensure reasonable measures are implemented.

85TH AVENUE INDUSTRIAL LANDS

CONSTRUCTION ACTIVITY

- The 85th Avenue Industrial Lands will be a multi-use site during Site C construction.
- As well as serving as a source of construction material for the dam, it will also be used as a storage area for equipment and materials.
- To move materials from the 85th Avenue Lands to the dam site area, a temporary conveyor belt system will be installed. This will reduce truck traffic on local roads.
- The conveyor belt system will cross Old Fort and 240 roads.
- Following construction, the conveyor will be removed and the 85th Avenue Lands will be reclaimed in consultation with the Peace River Regional District and the City of Fort St. John.

ANTICIPATED TIMELINE

2015 to 2022

ADDITIONAL INFORMATION

- Increased levels of noise, dust and light may be experienced in the vicinity of the 85th Avenue Lands area.
- To mitigate potential increased levels of noise, dust and light, a three-metre-high berm will be constructed around active extraction, stockpiling and loading areas.
- For safety purposes, security fencing will be installed along the conveyor belt route.
- Where feasible, existing vegetation and trees will be retained to maintain a natural buffer, and where there is no berm or existing vegetation, a 1.5 metre landscaped screen will be provided.
- To reduce noise and dust along the conveyor route, the conveyor will be covered.



DAM, GENERATING STATION & SPILLWAYS

CONSTRUCTION ACTIVITY

Work on the dam, generating station and spillways will include the following activities:

- Constructing temporary cofferdams and two diversion tunnels
- Building an 800-metre-long roller-compacted-concrete buttress
- Constructing an earthfill dam approximately 1,050 metres long and 60 metres high above the riverbed
- Building a generating station and spillways
- Installing six 183 MW generating units

ANTICIPATED TIMELINE

2016 to 2024

ADDITIONAL INFORMATION

- Some noise, vibration and dust will occur in the vicinity of the dam site. There will also be increased truck traffic accessing the project site.
- Throughout construction, BC Hydro and its contractors will be implementing mitigation measures to reduce construction-related impacts on residents, such as noise barriers, dust-control measures and traffic management.



HIGHWAY 29 REALIGNMENTS

CONSTRUCTION ACTIVITY

The following segments of Highway 29 will be realigned to accommodate the Site C reservoir.

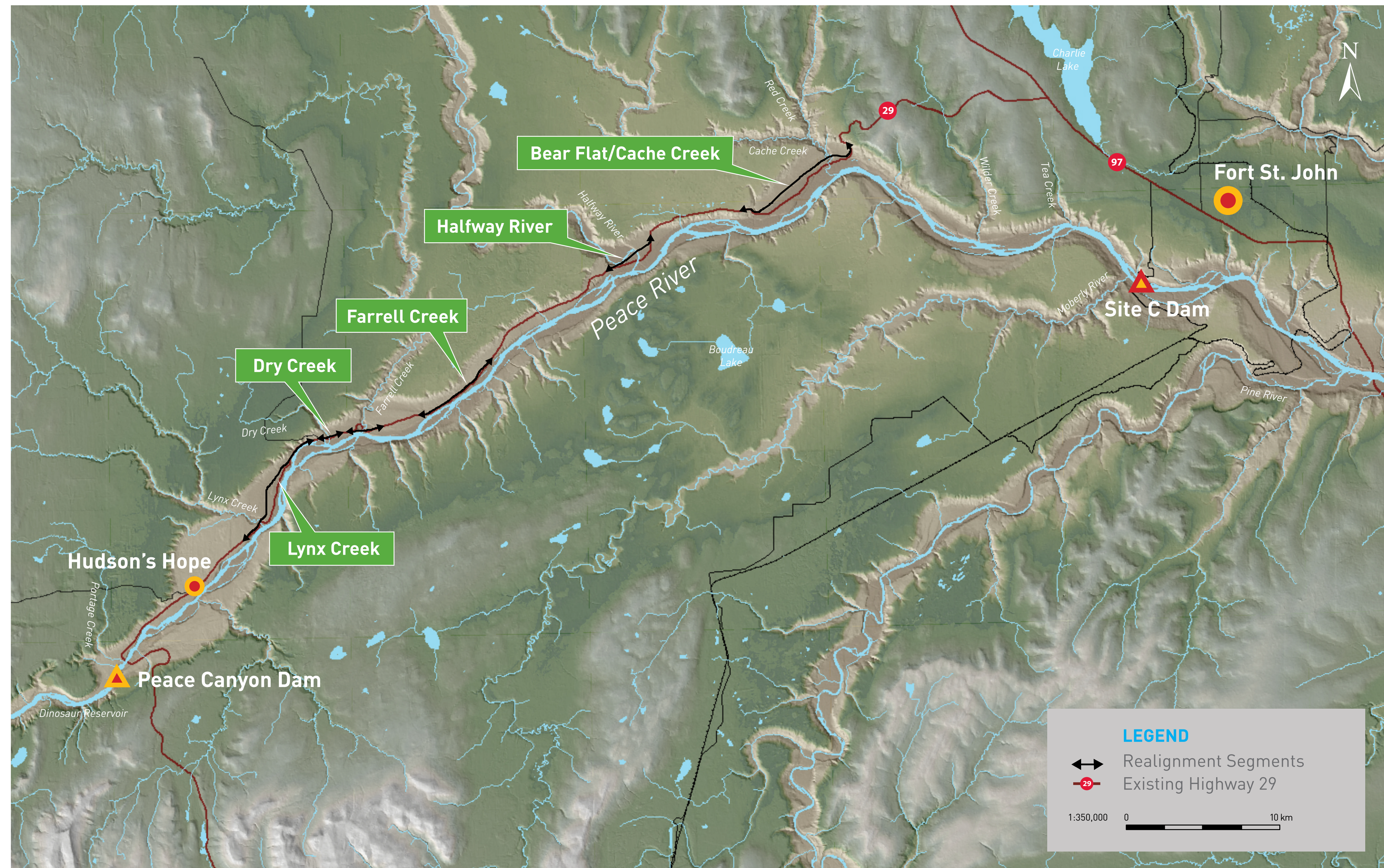
SEGMENT NAME	LENGTH OF SEGMENT	ANTICIPATED TIMELINE
Bear Flat/Cache Creek	8.5 kilometres	2017–2019
Halfway River	4.0 kilometres	2018–2020
Farrell Creek East	6.0 kilometres	2019–2021
Farrell Creek	2.0 kilometres	2019–2021
Dry Creek	1.5 kilometres	2019–2021
Lynx Creek	8.0 kilometres	2019–2021

ANTICIPATED TIMELINE

2017 to 2021

ADDITIONAL INFORMATION

- Highway 29 will remain open during the realignment work as the majority of work will be taking place away from the existing highway.
- While roadwork takes place, motorists can expect traffic control personnel, as well as some intermittent traffic delays.



PUBLIC ROAD IMPROVEMENTS

CONSTRUCTION ACTIVITY

As part of Site C construction, public road improvements will be made to sections of 240, 269, 271 and Old Fort roads to enable truck traffic to and from the Site C dam site. This work includes:

- Upgrading and paving 1.6 kilometres of 240 Road
- Upgrading and paving 900 meters of 269 Road
- Shoulder widening and paving 3.0 kilometres of 271 Road
- A combination of widening, paving and a partial realignment totalling 5.6 kilometres of Old Fort Road
- Installing street lights at various intersections along Old Fort Road and 240 Road

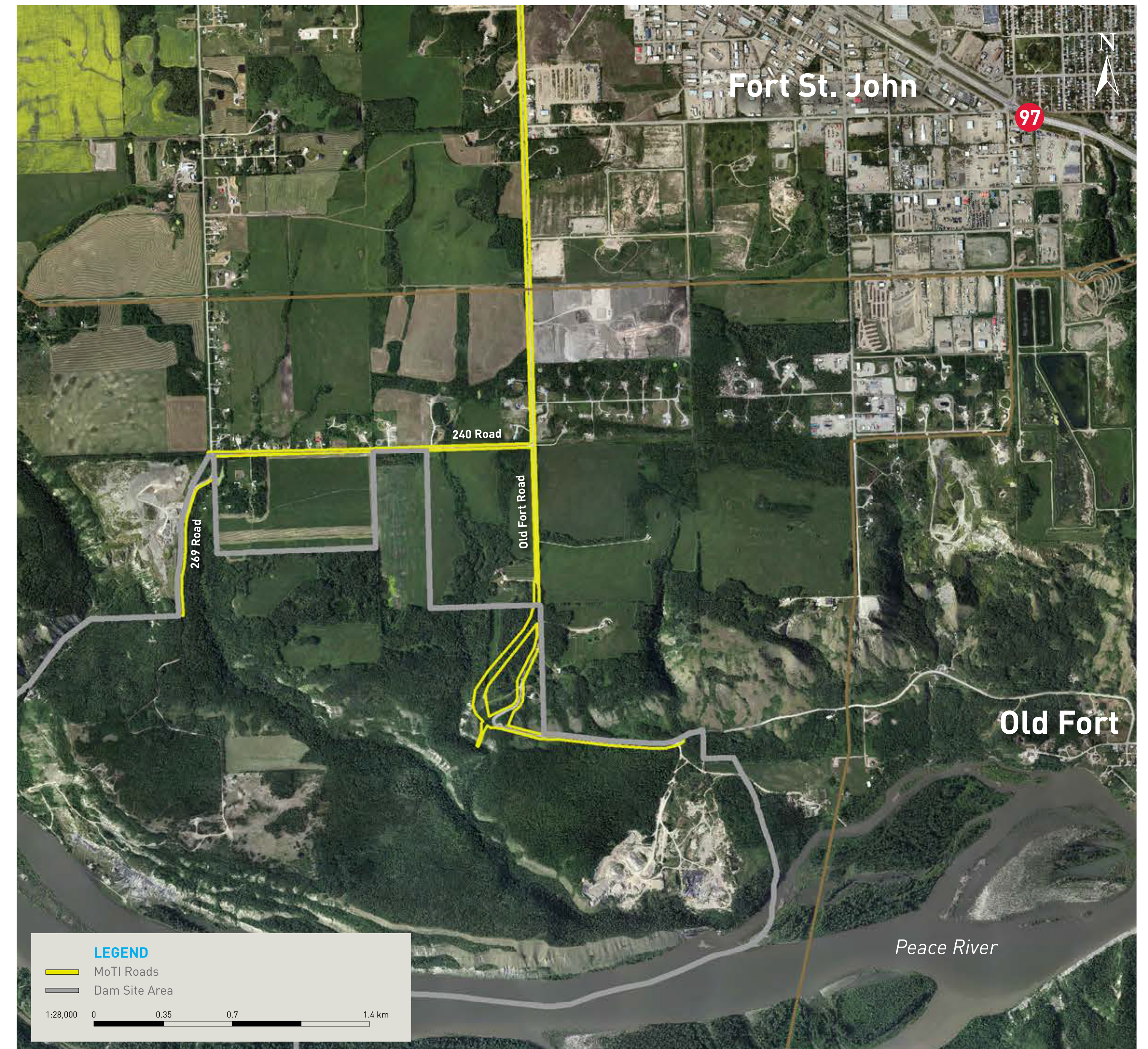
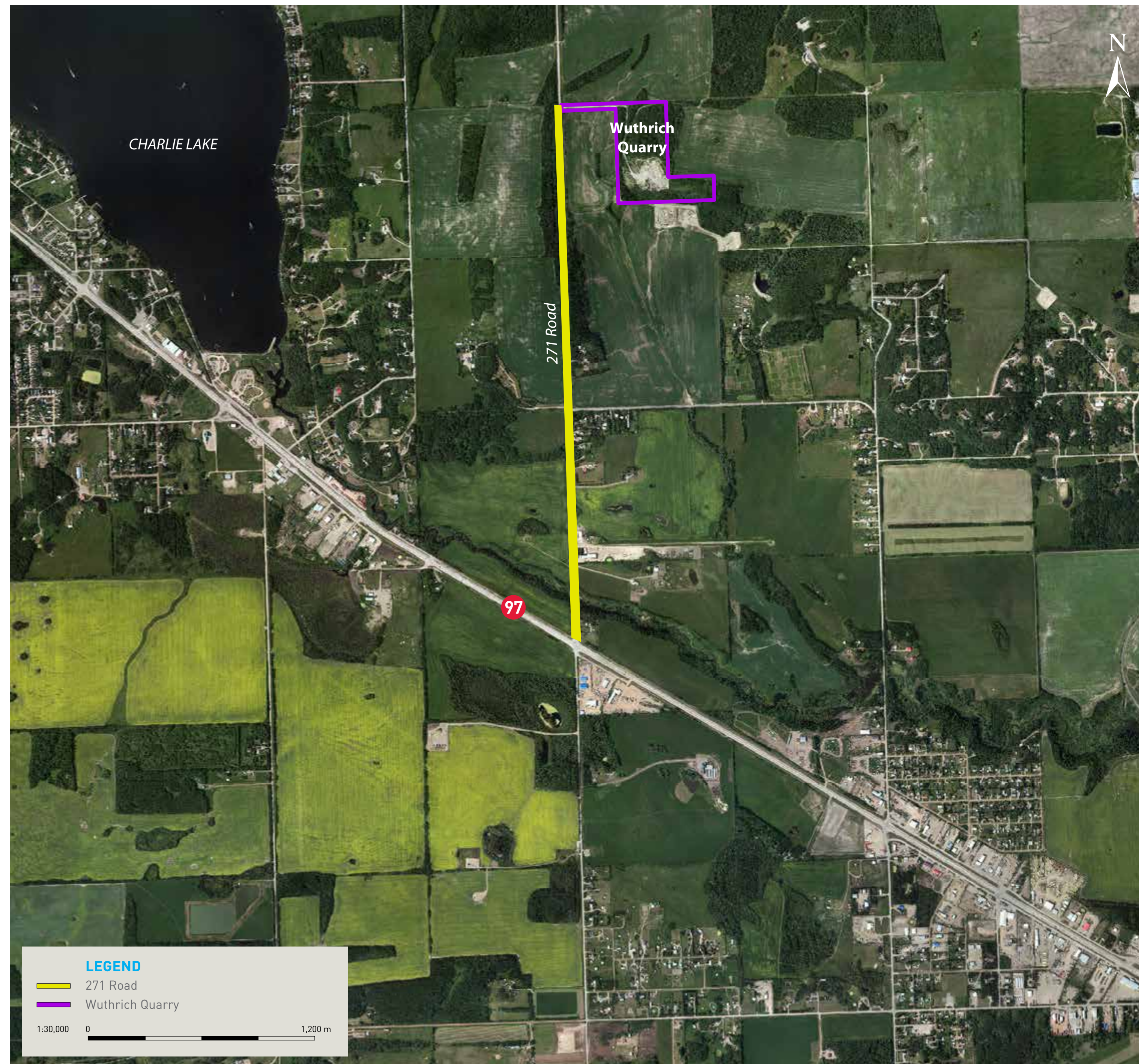
ANTICIPATED TIMELINE

- 240, 269, 271 roads: Summer to fall 2015
- Old Fort Road: Summer 2015 to fall 2016

ADDITIONAL INFORMATION

- While road work takes place, motorists can expect to encounter traffic control personnel, traffic delays and single-lane alternating traffic.

PUBLIC ROAD IMPROVEMENTS



HUDSON'S HOPE SHORELINE PROTECTION

CONSTRUCTION ACTIVITY

Shoreline protection adjacent to the community of Hudson's Hope will be constructed prior to filling the reservoir. Shoreline protection includes a combination of a granular berm and slope flattening to prevent shoreline erosion and to offset effects of the reservoir on slope stability.

Shoreline protection will extend approximately 2,650 metres from the upstream end of Hudson's Hope, downstream to beyond the current location of the municipal sewage treatment facility. It will be made up of three zones:

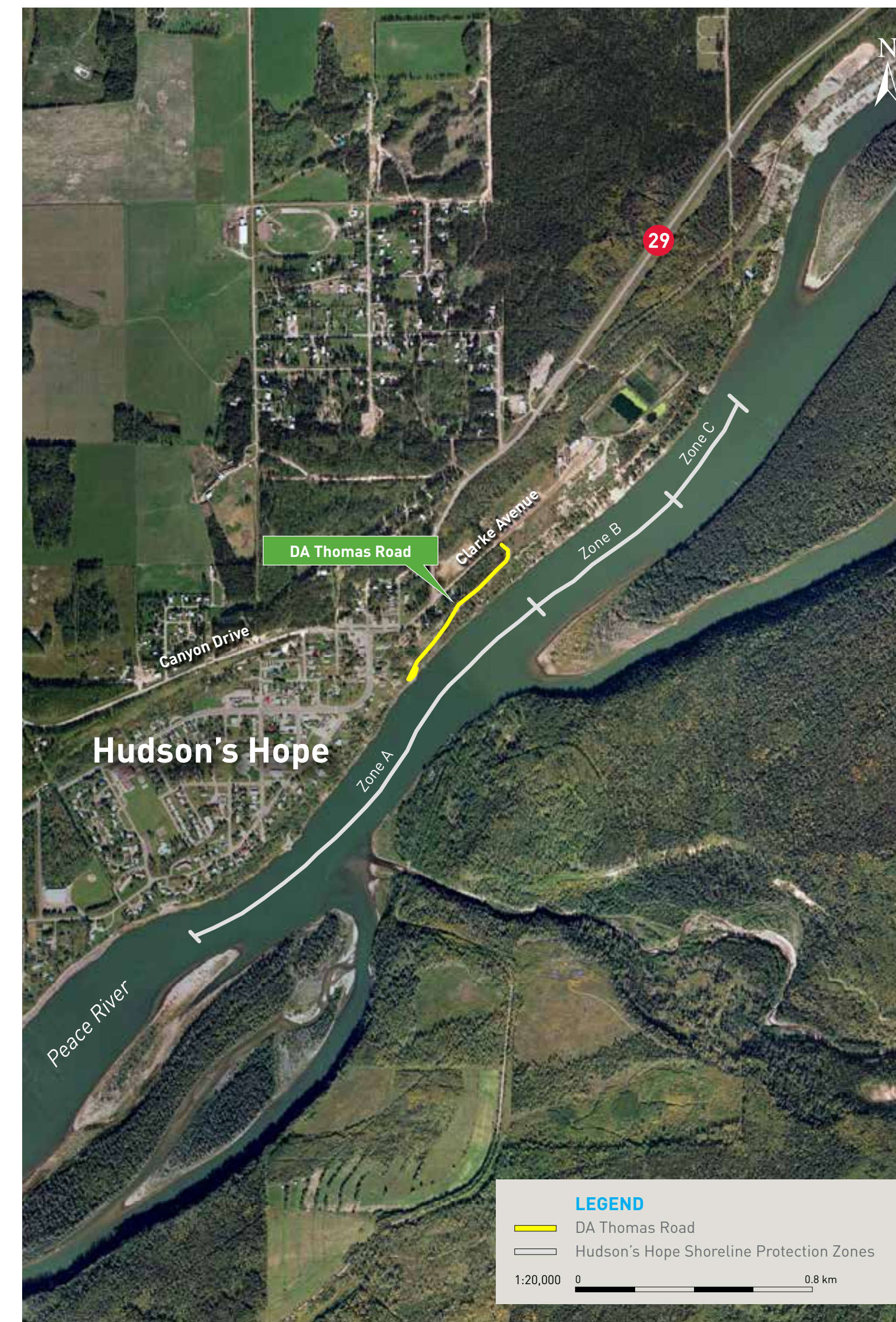
Zone	Description	Type of Shoreline Protection
A	Adjacent to the residential area and extends just downstream of the hotel on Clarke Ave	1,650 metre berm
B	Adjacent to land that is currently used for light industrial purposes	550 metre slope flattening
C	Adjacent to municipal sewage treatment lagoons	450 metre berm, potentially some slope flattening

Other activities in the area include:

- Upgrades to D.A. Thomas Road
- Re-paving Clarke Avenue after use, if required
- Recreation improvements, including a trail along the berm downstream of the museum area and a small craft launch
- Transport of material for the berm from Portage Mountain via Canyon Drive

ANTICIPATED TIMELINE

2018 to 2021



ADDITIONAL INFORMATION

- There will be truck traffic in the Hudson's Hope area as equipment and materials are brought to site.
- Some noise, vibration and dust may occur in the vicinity of shoreline protection activities.
- Where possible, BC Hydro and its contractors will take steps to reduce the effects of construction activities on Hudson's Hope residents.

PUBLIC SAFETY BUOYS

WHAT IS HAPPENING

- To ensure public and worker safety during construction, the Peace River at the Site C dam site will be permanently closed to boaters once in-river construction begins.
- Temporary public safety buoys will be installed 3.0 km upstream and 3.5 km downstream of the Site C dam site.

ANTICIPATED TIMELINE

- Installation will take place in late 2015 and will take approximately one month to complete.

ADDITIONAL INFORMATION

- Prior to the installation of public safety buoys to mark the river closure upstream and downstream of the dam, a patrol boat will be actively monitoring boat traffic to prevent boaters from accidentally entering the active construction site.
- Signage will be installed at boat launches and upstream and downstream of the closed river area to notify boaters that the Peace River will be closed at the Site C dam site.
- For boater safety, an emergency vessel pullout area will be located at the end of the upstream public safety buoys. Vessels that are either non-powered or are unable to return upstream due to mechanical breakdown would access the south bank vessel pullout.



PEACE RIVER / RESERVOIR AREA

CONSTRUCTION ACTIVITY

The Site C project will result in an 83-kilometre-long reservoir that will be, on average, two to three times the current width of the Peace River.

Construction activities affecting the Peace River during the eight-year construction period include:

- Permanent closure of the Peace River at the dam site to ensure public safety. This will be done using public safety buoys 3.0 km upstream and 3.5 km downstream of the dam site.
- Clearing of trees and vegetation from the reservoir area.
- River channelization (confining the river to its main channel at the dam site to allow construction activities on either side).
- River diversion (redirecting the river around the dam site through large tunnels, allowing a dry construction area to build the central portion of the earthfill dam).
- Reservoir filling.



ANTICIPATED TIMELINE

- Beginning summer 2015, there will be work in and around the Peace River.
- Public safety buoys will be installed in late 2015, closing the dam site to boaters.
- Diversion of the river through large tunnels around the dam site will take place in 2019 over a period of several weeks.
- The filling of the reservoir will take place in 2022.

ADDITIONAL INFORMATION

- The closure of the Peace River at the dam site will impact recreational activities such as boating.
- Localized changes in truck traffic can be expected during clearing activities.

TRANSMISSION LINES

CONSTRUCTION ACTIVITY

Two new 500 kV AC transmission lines will be built from Site C to the Peace Canyon Generating Station over a distance of approximately 77 kilometres. The lines will be located along an existing transmission right-of-way to the south of the Peace River.

Transmission work will include the following activities:

- Surveying and siting for towers
- Construction of access roads
- Right-of-way clearing and preparation
- Foundation installation
- Tower assembly and installation
- Stringing of conductors

The transmission right-of-way is currently occupied by two 138 kV lines, serving Fort St. John and Taylor, which will be replaced by the 500 kV lines. The continual supply of electricity to communities will be maintained.

Site C and Peace Canyon Substations

- A substation will be constructed near the Site C dam site on the south side of the Peace River to connect the power feed from the Site C generating station to the new 500 kV lines and the supply to Fort St. John and Taylor.
- The existing switchyard at Peace Canyon will also need to be expanded to facilitate the integration of power from Site C.

ANTICIPATED TIMELINE

- Clearing of the right-of-way: 2016–2017
- Construction of transmission lines: 2017–2022
- Expansion of the Peace Canyon Switchyard: 2016–2019
- Construction of Site C substation: 2017–2019

ADDITIONAL INFORMATION

- There will be increased truck traffic on the south side of the Peace River as the transmission right-of-way is cleared and equipment is brought to site.
- There will be helicopters in the area while the towers are erected and conductors are strung.

WORKER ACCOMMODATION

CONSTRUCTION ACTIVITY

- Worker accommodation for Site C will be built in the dam site area to house approximately 1,600 workers, with services and utilities designed to accommodate a total capacity of 2,200, if required.
- On-site recreation and entertainment facilities will be incorporated into worker accommodation. In addition, rooms are planned to have a private bathroom, a TV and Wi-Fi services.
- At the end of the Site C construction period, the contractor will be responsible for removing the camp and rehabilitating the site.

ANTICIPATED TIMELINE

Installation of the worker accommodation will begin in 2015. It will be operated and maintained for the duration of the construction period.

ADDITIONAL INFORMATION



- The camp will be self-sufficient and designed to accommodate the fluctuating number of workers to minimize the impact on nearby communities.
- Any person entering or leaving the project site – including the worker accommodation camp – must check in at the security checkpoint. Fencing will be in place around the worker accommodation site.
- All workers at the accommodations will be subject to a code-of-conduct.
- In order to manage traffic, airport shuttle services will be provided for out-of-town workers living in worker accommodation. A leisure shuttle will be provided for on-site workers wanting to make trips into Fort St. John.

JOB OPPORTUNITIES

JOB WITH SITE C

Construction of Site C will create approximately 10,000 person-years of direct employment during construction.

Workers at all skill levels will be required. Types of construction jobs needed for the Site C project include:

- Boilermakers
- Carpenters (industrial and formworkers)
- Cement Mason / Concrete Finishers
- Construction Supervisors and Forepersons
- Crane Operators
- Culinary Workers / Kitchen Personnel
- Drillers and Blasters
- Electricians (instrumentation, industrial and winders)
- Foresters
- Heavy Duty Mechanics
- Heavy Equipment Operators (backhoe, skidsteer, dozer, excavator, grader, shovel, feller/buncher, loader and zoom boom operators)
- HVAC Technicians
- Instrumentation and Control Technicians
- Insulators
- Ironworkers (reinforcing and structural)
- Millwrights (industrial mechanics)
- Painters
- Pile Drivers
- Pipefitters
- Plumbers
- Scaffolders
- Security Guard Staff
- Sheet Metal Workers
- Surveyors
- Truck Drivers
- Underground Tunnellers

WORKING ON THE SITE C PROJECT

- The majority of hiring will be done by the companies awarded contracts to build Site C.
- BC Hydro lists contact information for contractors on the 'How to Apply' page of the project website at sitecproject.com.

FUNDING AVAILABLE FOR SKILLS AND TRADES TRAINING

- The BC Hydro Trades & Skilled Training Award supports qualifying individuals for certain programs at Northern Lights College.
- For more detail, visit: www.nlc.bc.ca/aboutnlc/nlcfoundation/studentawardsgrants.

BUSINESS OPPORTUNITIES

OPPORTUNITIES FOR BUSINESSES OF ALL SIZES

Construction of Site C will provide opportunities for businesses of all sizes, including a number of large contracts for the major project components and multiple smaller contracts for supporting activities and ancillary works.

Construction of Site C includes the following types of work:

- Site preparation activities such as clearing
- Transport of materials to and from the dam site
- Excavation and building access roads
- Worker accommodation at the dam site
- Upgrades to public road infrastructure
- Boat launches and recreation sites
- First aid and site security
- Environmental monitoring

STAYING INFORMED

1. Sign up to the Site C Business Directory. Get information about the project and receive notifications about procurements.
2. Register for BC Bid (www.bcbid.gov.bc.ca). BC Bid is your source for active procurements.
3. Go to sitecproject.com and click on 'Business Opportunities.' Get information about current and upcoming procurement activities.
4. Attend business-to-business networking sessions. Meet with contractors and potentially form partnerships. Sessions will take place in the region in the coming months.

SITE C BUSINESS DIRECTORY

The Site C Business Directory ensures that interested businesses have information about project opportunities. Registered companies receive updates, via email, on potential business opportunities as they arise.

The business directory will also be shared with contractors involved in project-related activities. In addition, future networking sessions will provide an important venue for contractors to meet potential suppliers/sub-contractors.

Visit sitecproject.com to register.

STAYING INFORMED ABOUT SITE C CONSTRUCTION

BC Hydro is committed to providing you with information about Site C construction activities in a timely manner. To accomplish this, BC Hydro will:

- Communicate up-to-date construction information on the Site C website at: **sitecproject.com**.
- Deliver construction updates by email (sign up at **sitecproject.com**).
- Send out construction-related updates on Twitter: **@sitecproject**.
- Provide information on a construction telephone line at: **1 877 217 0777**.
- Respond to inquiries by email at: **sitec@bchydro.com**.
- Provide information at BC Hydro’s Site C community consultation offices in **Fort St. John** and **Hudson’s Hope**.
- Hold **open houses** throughout the construction period.
- Continue to consult and engage with Aboriginal groups, local governments and property owners about Site C construction.

YOUR FEEDBACK IS APPRECIATED

We want to know what you think. Please take a moment to fill out our survey and let us know how you would like to be informed about Site C construction activities.

OPEN HOUSE SCHEDULE – JULY 2015

Community	Date	Time	Location
Taylor	Wednesday, July 8	6:00 – 8:30 p.m.	Taylor Community Hall
Fort St. John	Thursday, July 9	6:00 – 8:30 p.m.	Pomeroy Hotel and Conference Centre
Hudson’s Hope	Tuesday, July 14	6:00 – 8:30 p.m.	Pearkes Centre
Chetwynd	Wednesday, July 15	6:00 – 8:30 p.m.	Chetwynd and District Recreation Centre
Dawson Creek	Thursday, July 16	6:00 – 8:30 p.m.	Fixx Urban Grill (Stonebridge Hotel)