

# Construction Update

October 20, 2020

Numbers as available at the end of September 2020 unless otherwise noted

Coastal GasLink

## Construction highlights

We're reaching peak construction on the Coastal GasLink right-of-way while also continuing to progress construction on our compressor and meter station facilities. Highlights include:

### Field workforce adds 640 workers from previous month

Our field workforce exceeded 3,000 workers in October including those working in construction on our natural gas pipeline and related facilities, and in the areas of engineering and environment. In addition to these workers, Coastal GasLink also directly and indirectly employs individuals through the procurement of materials and services associated with mainline and facility construction. Information on the diverse employment and contracting opportunities can be found at [CoastalGasLink.com/Employment](https://CoastalGasLink.com/Employment).

### Clearing milestone achieved in Section 4

September saw 100% clearing achieved along the 93 kilometres in Section 4. Not far behind is Section 6 with 99% clearing reached at the end of last month.

### Increased grading and pipe installation

Five of our eight sections have grading underway in preparation for mainline pipe installation. As grading percentages grow along the project route, pipe installation percentage increases follow. Read more about our [stages of construction](#).

### Trenchless water crossings

In addition to the recent successful pipe installation beneath the Kitimat River, Coastal GasLink will traverse several streams and rivers along its route. These include pipe installation underneath water bodies, or 'trenchless' crossings, using horizontal directional drilling and direct pipe installation. Built to achieve the highest safety and environmental protection standards, the types of water crossings used along the route are selected to prevent adverse impacts on the environment. Learn more about water crossings at [CoastalGasLink.com/Sustainability](https://CoastalGasLink.com/Sustainability).

## Performance at a glance:



**30.6%**

Overall progress\*

\*includes all engineering, procurement and construction activities



**13.9%**

Construction progress



**3,488**

workers across the project right-of-way as of Sept. 30, 2020

### Under Construction

- ◆ Coastal GasLink Metering Facility
- ▲ Coastal GasLink Compression & Metering Facility

### Potential Future Facilities

- ▲ Coastal GasLink Compression Facilities (TBD)
- LNG Canada Facility (3rd party)



# 1 Section 1: Monthly Construction Update

## At a glance:



**77%**

cleared, includes right-of-way and ancillary sites\*



**59%**

of grading completed



**21%**

of pipe installed, includes activities from stringing through to backfilling



**82**

workers at Sanataa Lodge

\*Clearing percentages have been adjusted as a result of updated estimates.

## Section 1

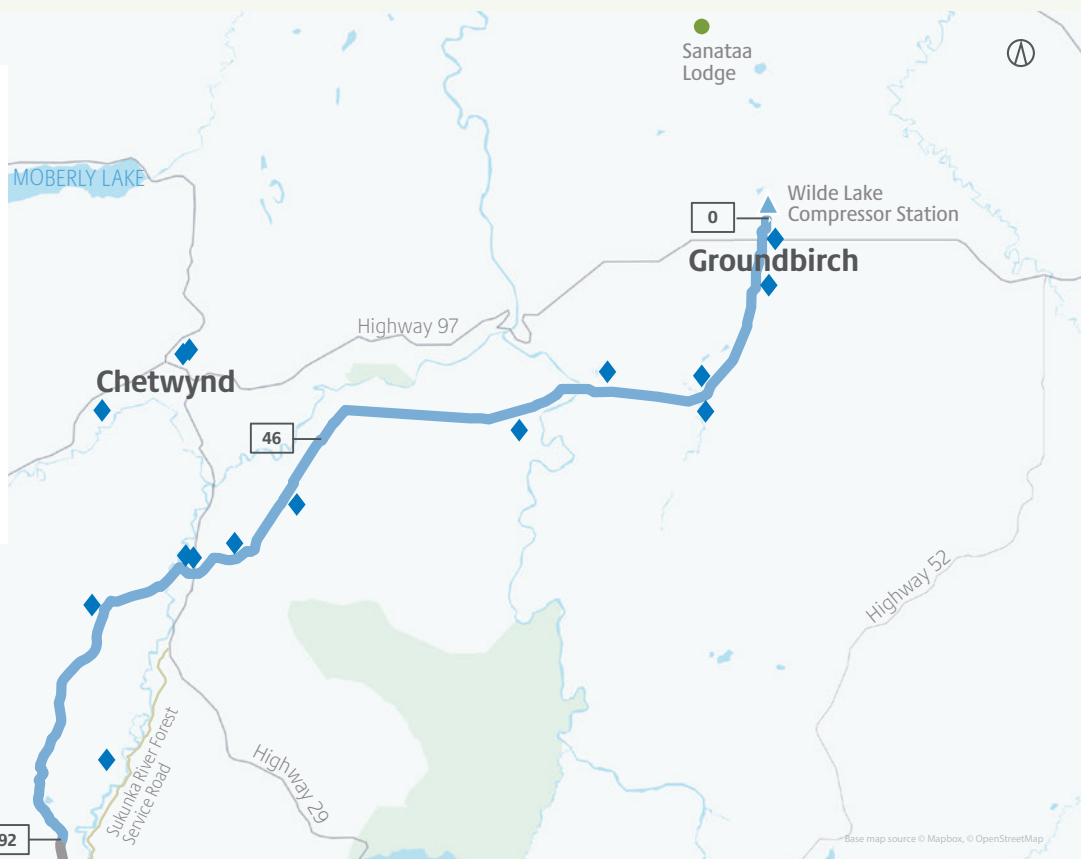
**Location:** West of Dawson Creek to south of Chetwynd

**Length:** 92 kilometres

**Prime Contractor:** Surerus Murphy Joint Venture

**Workforce Accommodations:** One Workforce Accommodation – Sanataa Lodge

- Project Right-of-Way (Section 1)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)
- ▲ Wilde Lake Compressor Station



## Key activities:

- Continued mainline pipe installation activities
- Continued access, clearing, grubbing and grading

## Look ahead\*:

- Continue clearing, including heli-logging of steep slopes
- Initiate horizontal directional drill work underneath Murray River
- Ongoing clearing, grading and pipe installation; increased pipe delivery traffic between storage sites and the right-of-way
- Commencing clean-up and pipe hydrotesting in some areas
- Drone, burning and controlled blasting activities as required

\*All schedules are subject to change

## Wilde Lake Compressor Station

### Key activities

- Progressed earthworks and piling
- Prepared site for concrete pour of first compressor block
- Road widening to provide access to the site

### Look ahead\*:

- Complete access road upgrades including Road 269 heading north of Highway 97
- Finish main site rough grading
- Complete piling installation
- Commence pouring concrete foundations

\*All schedules are subject to change

## ② Section 2: Monthly Construction Update

### At a glance:



**59%**  
cleared, includes  
right-of-way and  
ancillary sites\*



**0%**  
of grading  
completed



**0%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**206**  
workers at  
Sukunka Lodge

*\*Clearing percentages have been adjusted as a result of updated estimates.*





### Section ②

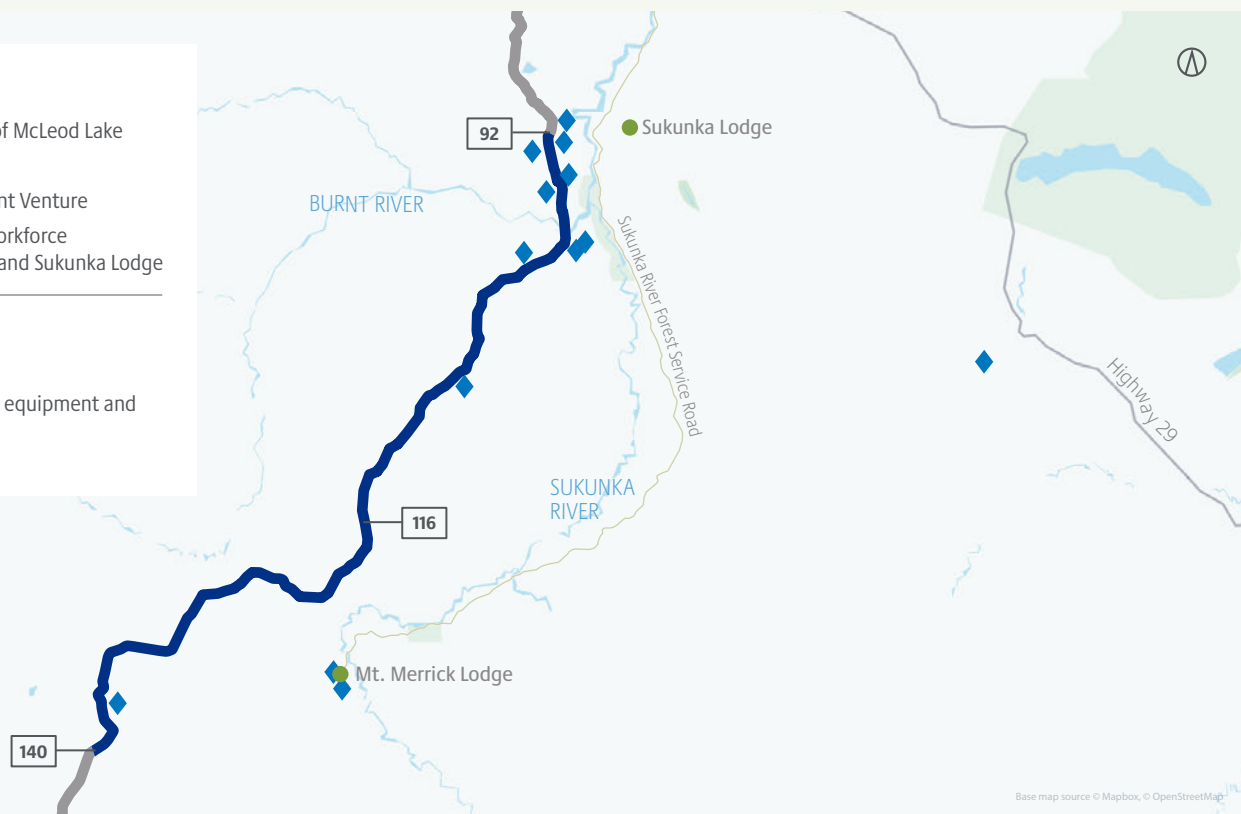
**Location:** South of Chetwynd to east of McLeod Lake

**Length:** 48 kilometres

**Prime Contractor:** Surerus Murphy Joint Venture

**Workforce Accommodations:** Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

-  Project Right-of-Way (Section 2)
-  Workforce Accommodation Site
-  Storage Area (Where construction equipment and materials are stored)
-  Kilometre Post Markings (KP)



### Key activities:

- Continued access, clearing, grubbing and grading
- Began civil works to develop Mt. Merrick Lodge

### Look ahead\*:

- Clearing, including hand-felling and heli-logging of steep slopes
- Continue civil works to develop Mt. Merrick Lodge
- Increased traffic from storage sites to route to transport pipe
- Drone, burning and controlled blasting activities as required

*\*All schedules are subject to change*

## 3 Section 3: Monthly Construction Update

### At a glance:



**69%**  
cleared, includes  
right-of-way and  
ancillary sites



**0%**  
of grading  
completed



**0%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**428**  
workers at  
Parsnip Lodge

### Section 3

**Location:** East of McLeod Lake to north of Prince George

**Length:** 104 kilometres

**Prime Contractor:** SA Energy Group

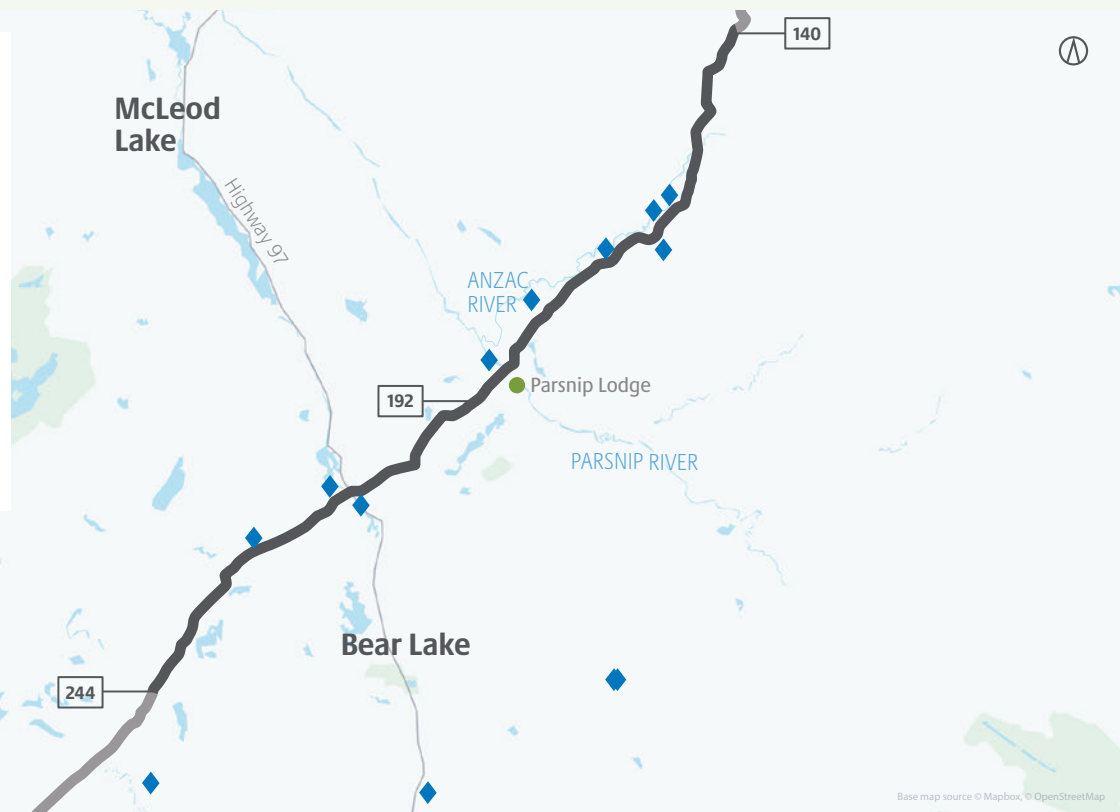
**Workforce Accommodations:** One Workforce Accommodation – Parsnip Lodge

— Project Right-of-Way (Section 3)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



### Key activities:

- Continued heli-logging and machine clearing between KP 140 and 172
- Successful hydrotest of pipe string for Crooked River direct pipe installation
- Expansion of Parsnip Lodge continued
- Controlled blasting of rock outcrop along the project right-of-way

### Look ahead\*:

- Complete expansion of Parsnip Lodge
- Begin tunneling Crooked River direct pipe installation
- Increased traffic from storage sites to route to transport pipe
- Drone, burning and controlled blasting activities as required
- Pipe stringing beginning mid-October; welding beginning late-October

*\*All schedules are subject to change*

## 4 Section 4: Monthly Construction Update

### At a glance:



**100%**

cleared, includes right-of-way and ancillary sites



**81%**

of grading completed



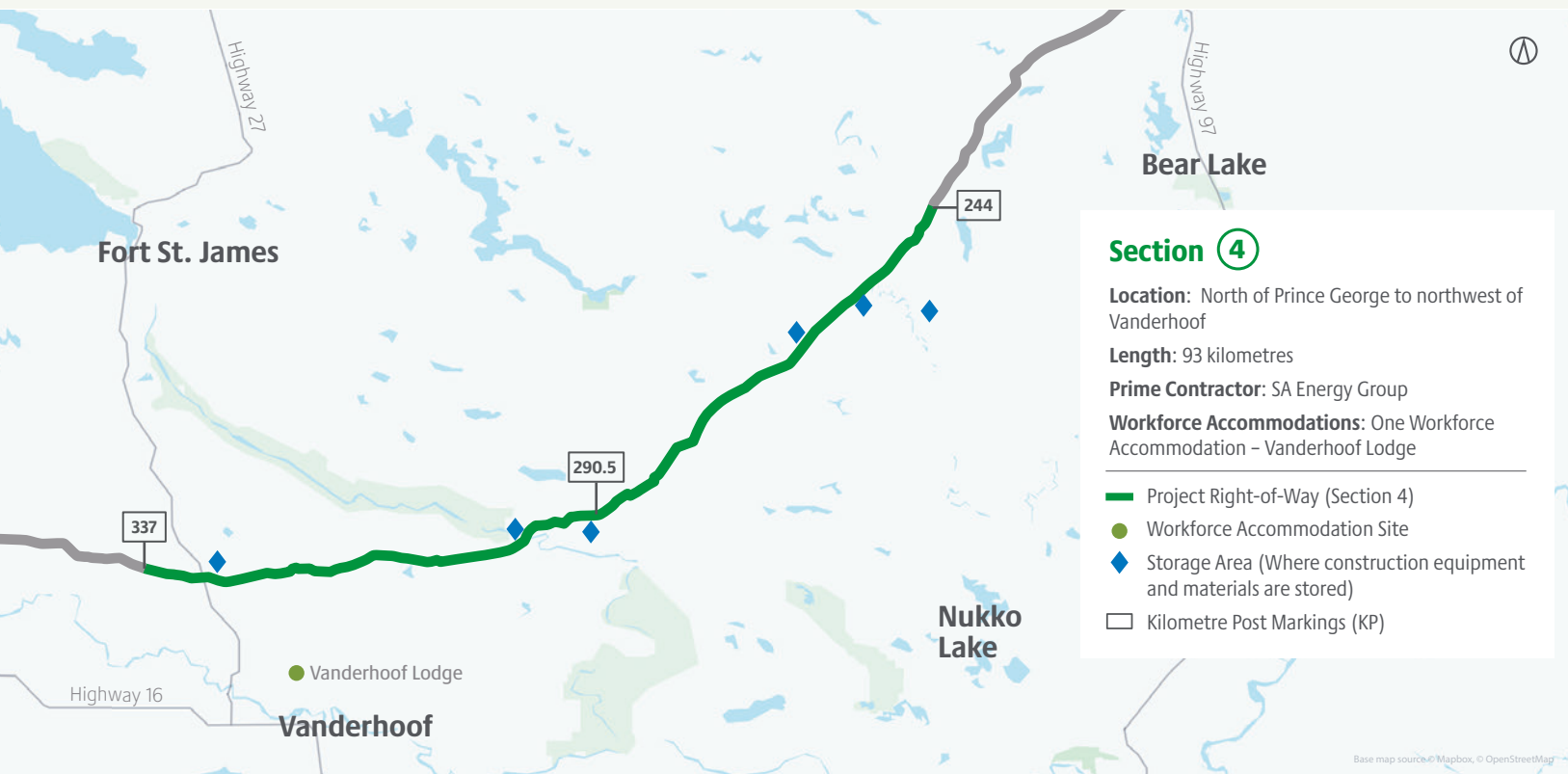
**26%**

of pipe installed, includes activities from stringing through to backfilling



**867**

workers at Vanderhoof Lodge



### Key activities:

- Achieved 100% clearing along section
- Completed river bank work at Stuart River bridge
- Successful hydrotest of pipe string for Stuart River direct pipe installation
- Continued backfill of installed pipe

### Look ahead\*:

- Ongoing pipeline installation along right-of-way
- Begin works for Stuart River direct pipe installation
- Increased traffic from storage sites to route to transport pipe
- Drone activities as required

*\*All schedules are subject to change*

### Did you know?

We continue to follow Dr. Bonnie Henry's guidance and work with Northern Health as we progress construction activities. We have dedicated, 24/7 on-site medical services within all our lodges and worksites, reduced occupancy at all workforce sites, enhanced mandatory pre-screening and daily temperature checks. Learn about our on-site medical service provider, International SOS, and the measures we have in place by visiting [CoastalGasLink.com/Safety](https://CoastalGasLink.com/Safety).

## 5 Section 5: Monthly Construction Update

### At a glance:



**100%**

cleared, includes right-of-way and ancillary sites



**11%**

of grading completed



**0%**

of pipe installed, includes activities from stringing through to backfilling



**87**

workers at Little Rock Lake Lodge

### Section 5

**Location:** North of Vanderhoof to south of Burns Lake

**Length:** 82 kilometres

**Prime Contractor:** Pacific Atlantic Pipeline Construction Inc. (PAPC)

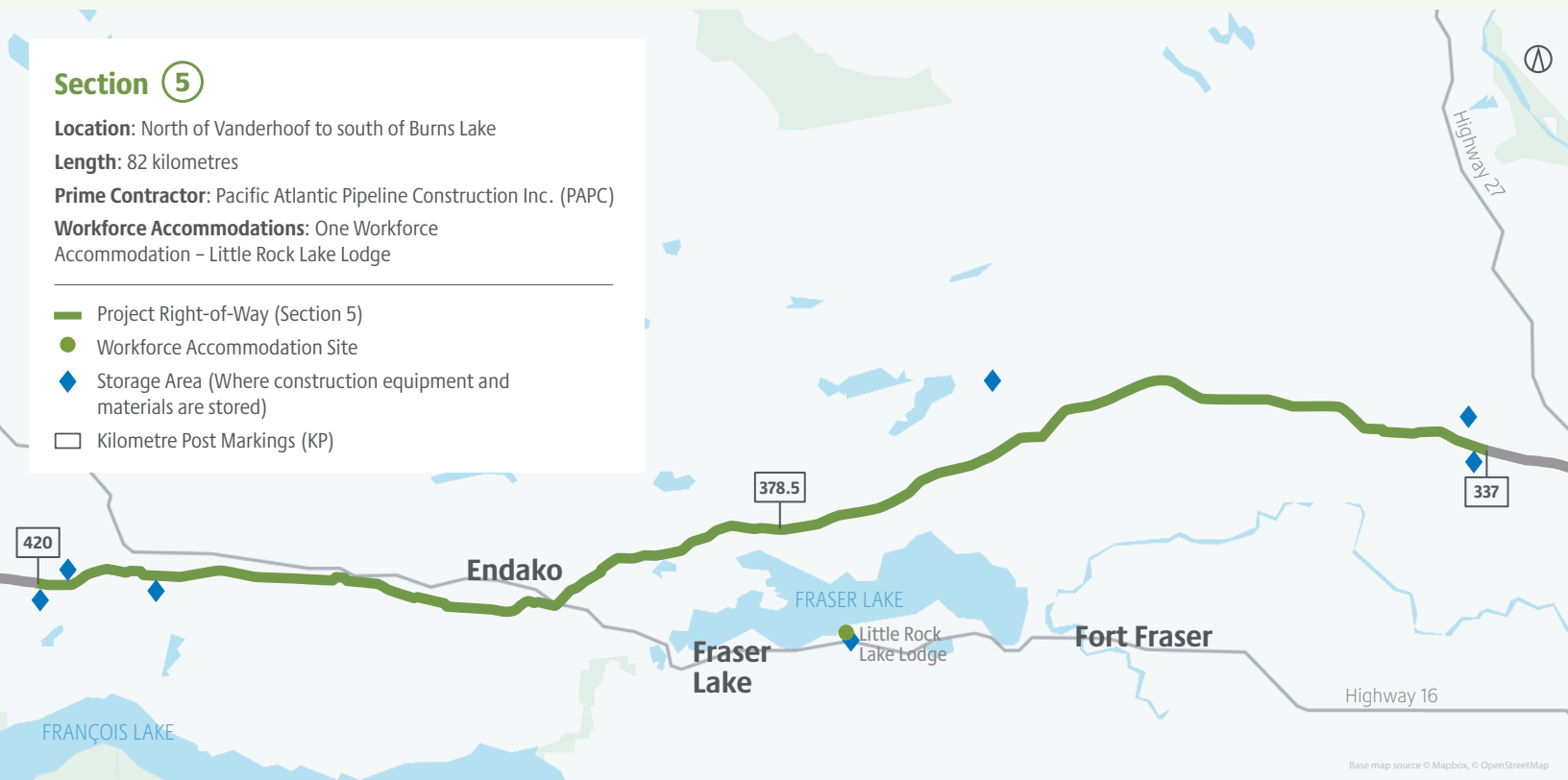
**Workforce Accommodations:** One Workforce Accommodation – Little Rock Lake Lodge

— Project Right-of-Way (Section 5)

● Workforce Accommodation Site

◆ Storage Area (Where construction equipment and materials are stored)

□ Kilometre Post Markings (KP)



### Key activities:

- Ongoing access, grubbing and grading
- Ongoing Little Rock Lake Lodge expansion work

### Look ahead\*:

- Begin pipe stringing
- Increased pipe delivery traffic between storage sites and the right-of-way
- Drone activities as required

*\*All schedules are subject to change*



## 6 Section 6: Monthly Construction Update

### At a glance:



**99%**  
cleared, includes  
right-of-way and  
ancillary sites



**26%**  
of grading  
completed



**4.5%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**425**  
workers at 7 Mile  
Lodge



### Key activities:

- Continued erosion and sediment control monitoring, access preparation, receipt of pipe and coating repairs at Highway 35 Stockpile Site
- Continued setup at 7 Mile Lodge
- Right-of-way grubbing and grading continued
- Continued pipe installation with increased stringing and commenced pipe bending
- Training and preparation for pipe welding and coating ongoing

### Look ahead\*:

- Continue access, grubbing, grading, stringing and bending works
- Commence pipe welding and coating
- Continue 7 Mile Lodge main construction phase development
- Start trenchless crossing beneath Highway 35
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

*\*All schedules are subject to change*

## 7 Section 7: Monthly Construction Update

### At a glance:



**26%**  
cleared, includes  
right-of-way and  
ancillary sites



**0%**  
of grading  
completed



**0%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**105**  
workers at  
Huckleberry Lodge

### Section 7

**Location:** South of Houston to north of Morice Lake

**Length:** 78 kilometres

**Prime Contractor:** Pacific Atlantic Pipeline Construction Inc. (PAPC)

**Workforce Accommodations:** One Workforce Accommodation – Huckleberry Lodge

- Project Right-of-Way (Section 7)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



### Key activities:

- Ongoing right-of-way clearing
- Ongoing civil and access works at Huckleberry Lodge
- Counterboring and site expansion at Houston storage site

### Look ahead\*:

- Continue right-of-way clearing
- Continue development at Huckleberry Lodge
- Start geotechnical and geophysical investigation work for crossing beneath Morice River
- Increased traffic from storage sites to route to transport pipe
- Drone and controlled blasting activities as required

*\*All schedules are subject to change*



## 8 Section 8: Monthly Construction Update

### At a glance:



**69%**  
cleared, includes  
right-of-way and  
ancillary sites



**34%**  
of grading  
completed



**1%**  
of pipe installed, includes  
activities from stringing  
through to backfilling



**456**  
workers at Sitka  
Lodge and Hunter  
Creek Lodge

### Section 8

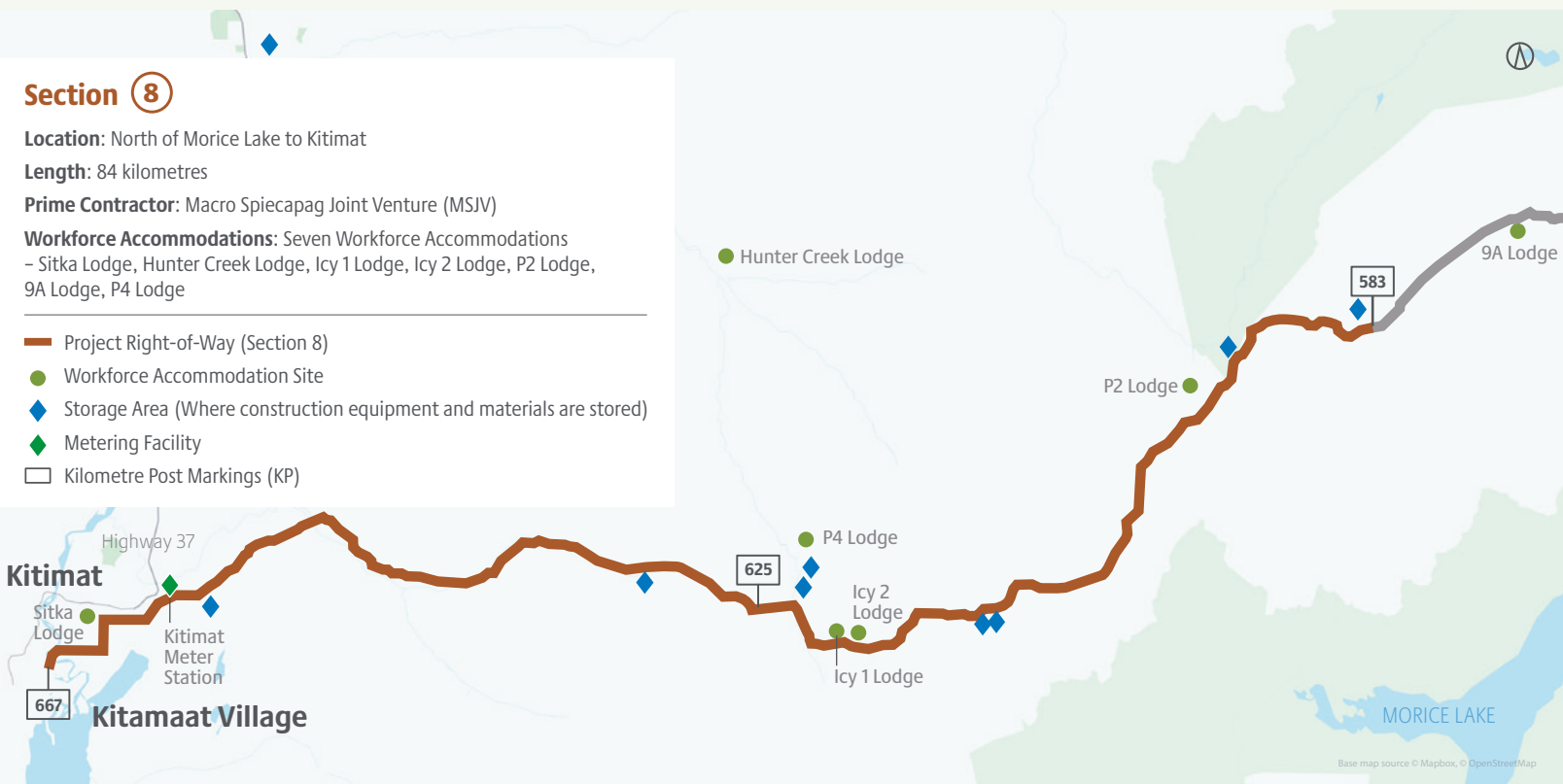
**Location:** North of Morice Lake to Kitimat

**Length:** 84 kilometres

**Prime Contractor:** Macro Spiecapag Joint Venture (MSJV)

**Workforce Accommodations:** Seven Workforce Accommodations – Sitka Lodge, Hunter Creek Lodge, Icy 1 Lodge, Icy 2 Lodge, P2 Lodge, 9A Lodge, P4 Lodge

- Project Right-of-Way (Section 8)
- Workforce Accommodation Site
- ◆ Storage Area (Where construction equipment and materials are stored)
- ◆ Metering Facility
- Kilometre Post Markings (KP)



### Key activities:

- Ongoing clearing, grading, sediment and erosion control, and road maintenance
- Pipe welding, coating, trenching and lowering-in at LNG Canada connector site and within the District of Kitimat
- Cable crane tower setup ongoing for pipe installation in Coastal Mountains
- 9A Lodge development continued

### Look ahead\*:

- Continue right-of-way preparations such as clearing and grading
- Ongoing pipe installation within the District of Kitimat
- Continue development at 9A Lodge
- Drone, burning and controlled blasting activities as required
- Increased traffic from storage sites to route to transport pipe

*\*All schedules are subject to change*

### Kitimat Meter Station

#### Key activities:

- B.C. Oil and Gas Commission inspection completed with no non-compliances identified
- Continued pipe welding, excavation and backfill
- Heated storage building pad formed and concrete poured

#### Look ahead\*:

- Erect heated storage building
- Continue pipe welding and backfill

*\*All schedules are subject to change*



## Want to know what's happening on the Coastal GasLink route?

Check out our interactive map to learn about current construction activities, including traffic notifications, at [map.coastalgaslink.com](http://map.coastalgaslink.com).

## About Coastal GasLink's Construction Updates

Our construction updates include information on recent progress, activities that we expect over the next month and detailed section maps, that help communicate where project infrastructure is located and where activities are happening.

### Check us out!

Find information, such as Construction Updates and an interactive map, on [CoastalGasLink.com](http://CoastalGasLink.com).

## Keep in touch and learn more

We want to make sure you have access to the information you need about the project. Here are the many ways you can reach out and learn more:



Visit our website:  
[CoastalGasLink.com](http://CoastalGasLink.com)



Follow us on Facebook:  
[@CoastalGasLink](https://www.facebook.com/CoastalGasLink)



Sign up to receive our Connector Newsletter: [CoastalGasLink.com/contact](http://CoastalGasLink.com/contact)



Email us:  
[coastalgaslink@tcenergy.com](mailto:coastalgaslink@tcenergy.com)



Follow us on Twitter:  
[@CoastalGasLink](https://twitter.com/CoastalGasLink)



Visit our community office:  
**Prince George**  
760 Kinsmen Place

## Coastal GasLink

