

Construction Update

December 18, 2020

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

Coastal GasLink

Construction highlights

As 2020 comes to a close, the Coastal GasLink team has made an incredible amount of progress. Our [year-end video](#) and [progress graphic](#), our 'graphic of the month', instill deep pride for what the Coastal GasLink team is focused on: building Canada's largest private infrastructure project to date inclusively with local communities and Indigenous partners that will help reduce emissions in overseas markets. Highlights at the end of the year include:

Pipe installation gains ground

Section 3 became the latest area along the project route to begin pipe installation and Section 1 surpassed the halfway mark of pipe installation at 60%, making it the second section to achieve this milestone; Section 4 has 83% of pipe installed. To date, 125 km of pipe has been installed along the project route.

Final weld completed at the Kitimat Meter Station

In late November, the **Kitimat Meter Station** performed its final weld on station piping. With construction of the facility near completion, pressure testing of the pipe is scheduled for the second quarter of 2021.

Grading underway in Section 2

In November, grading activities began in Section 2, making it the seventh out of our eight sections to have grading underway. Read more about grading and the other [stages of construction](#).

As we head into 2021, our commitment to safety and compliance will remain at the forefront. Look forward to seeing more achievements in the new year as we advance this important project.

Performance at a glance:



38.4%

Overall progress*

*includes all engineering, procurement and construction activities



23%

Construction progress



4,004

workers across the project route as of Nov. 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:



84%
cleared, includes
project route and
ancillary sites



81%
of grading
completed



60%
of pipe installed, includes
activities from stringing
through to backfilling



108
workers at
Sanataa Lodge

Section 1

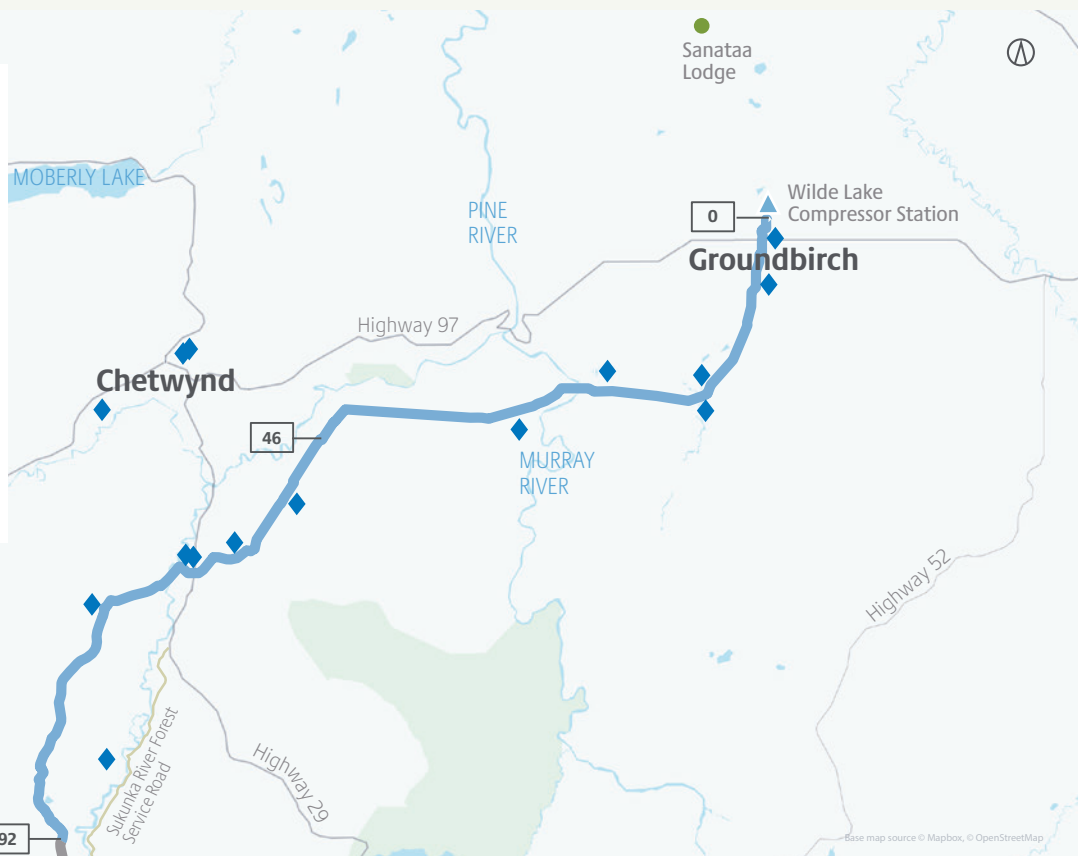
Location: West of Dawson Creek to south of Chetwynd

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:

- Construction ongoing including access, clearing, grubbing, grading, stringing, bending, welding, coating, trenching, lowering in and backfilling
- Continued driving casing for Murray River horizontal directional drilling (HDD)
- Initiated HDD pilot

Look ahead*:

- Complete clearing
- Continue mainline construction work
- Complete Murray River HDD casing installation; complete HDD pilot and start reaming runs
- Begin casing installation for Sukunka River HDD
- Increased traffic to transport pipe from storage sites to project route
- Drone, burning and controlled blasting activities as required

**All schedules are subject to change*

Wilde Lake Compressor Station

Key activities

- First compressor skids delivered to site and set on foundation
- Concrete foundation block pour completed
- Pile driving completed for all driven piles at site
- Rough grading of site completed for majority of site
- Majority of air-cooled heat exchangers installed

Look ahead*:

- Set up of cooler bay
- Continue shop pipe and structural fabrication

**All schedules are subject to change*

② Section 2: Monthly Construction Update

At a glance:



86%
cleared, includes
project route and
ancillary sites



0.8%
of grading
completed



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



439
workers at
Sukunka Lodge

Section ②

Location: South of Chetwynd to east of McLeod Lake

Length: 48 kilometres

Prime Contractor: Surerus Murphy Joint Venture

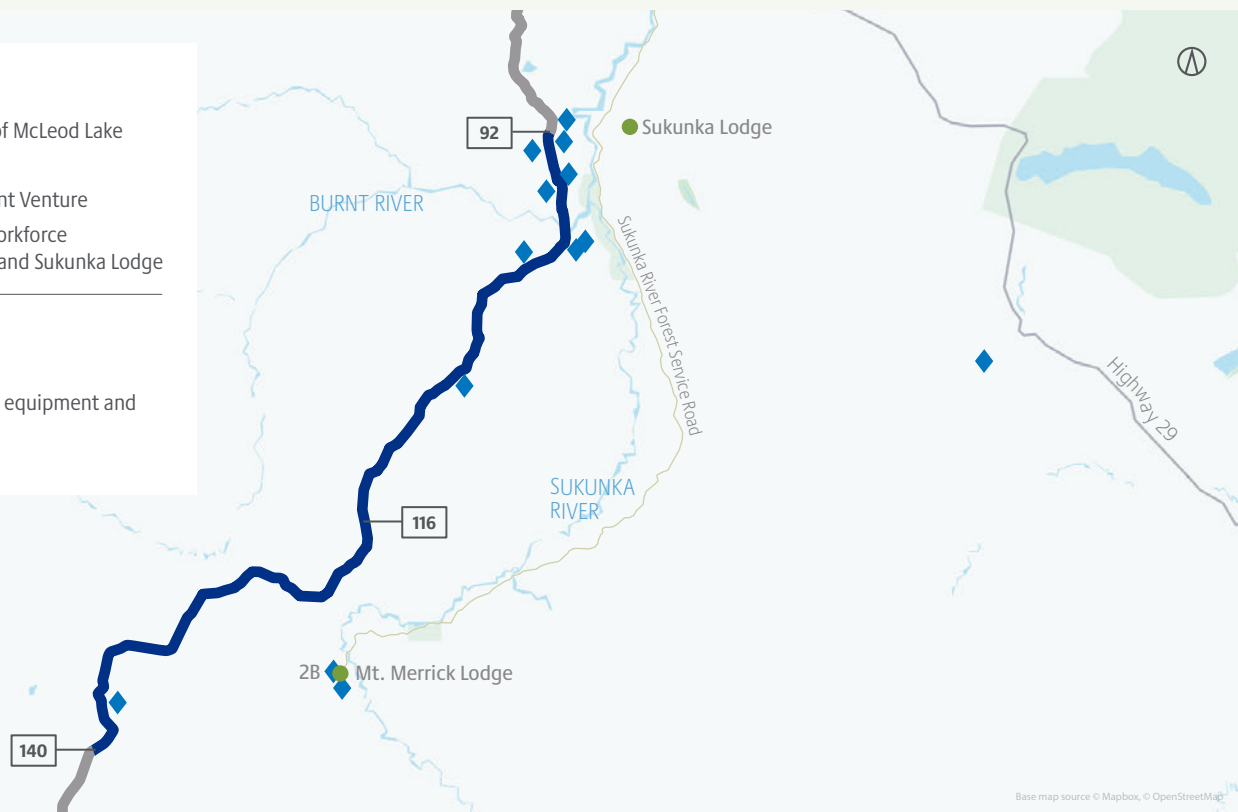
Workforce Accommodations: Two Workforce Accommodations – Mt. Merrick Lodge and Sukunka Lodge

— Project Right-of-Way (Section 2)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Construction ongoing including access, clearing and grubbing
- Civil works underway at 2B site to develop Mt. Merrick Lodge

Look ahead*:

- Clearing including hand-felling and heli-logging of steep slopes
- Continue civil works at 2B site to develop Mt. Merrick Lodge
- Increased traffic to transport pipe from storage sites to project route
- Drone, burning and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

Section 2 is now in the grading stage of construction. Grading ensures the ground is level for construction equipment at the site.

3 Section 3: Monthly Construction Update

At a glance:



93%

cleared, includes project route and ancillary sites



27%

of grading completed



0.6%

of pipe installed, includes activities from stringing through to backfilling



545

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:

- Completed Crooked River direct pipe installation (DPI)
- Ongoing construction activities including access, clearing, grubbing and grading
- Heli-logging and machine clearing neared completion from KP 140 to 172
- Began pipe stringing

Look ahead*:

- Mobilize crews from Section 4 to support mainline work
- Increased traffic to transport pipe from storage sites to project route
- Drone and controlled blasting activities as required

**All schedules are subject to change*

Did you know?

Section 3 is the sixth of the eight sections to have pipe installation underway which includes trenching, stringing/bending, welding/coating, lowering/tie-ins and backfilling. Learn more about pipe installation by reading about our **stages of construction**.

4 Section 4: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



91%

of grading completed



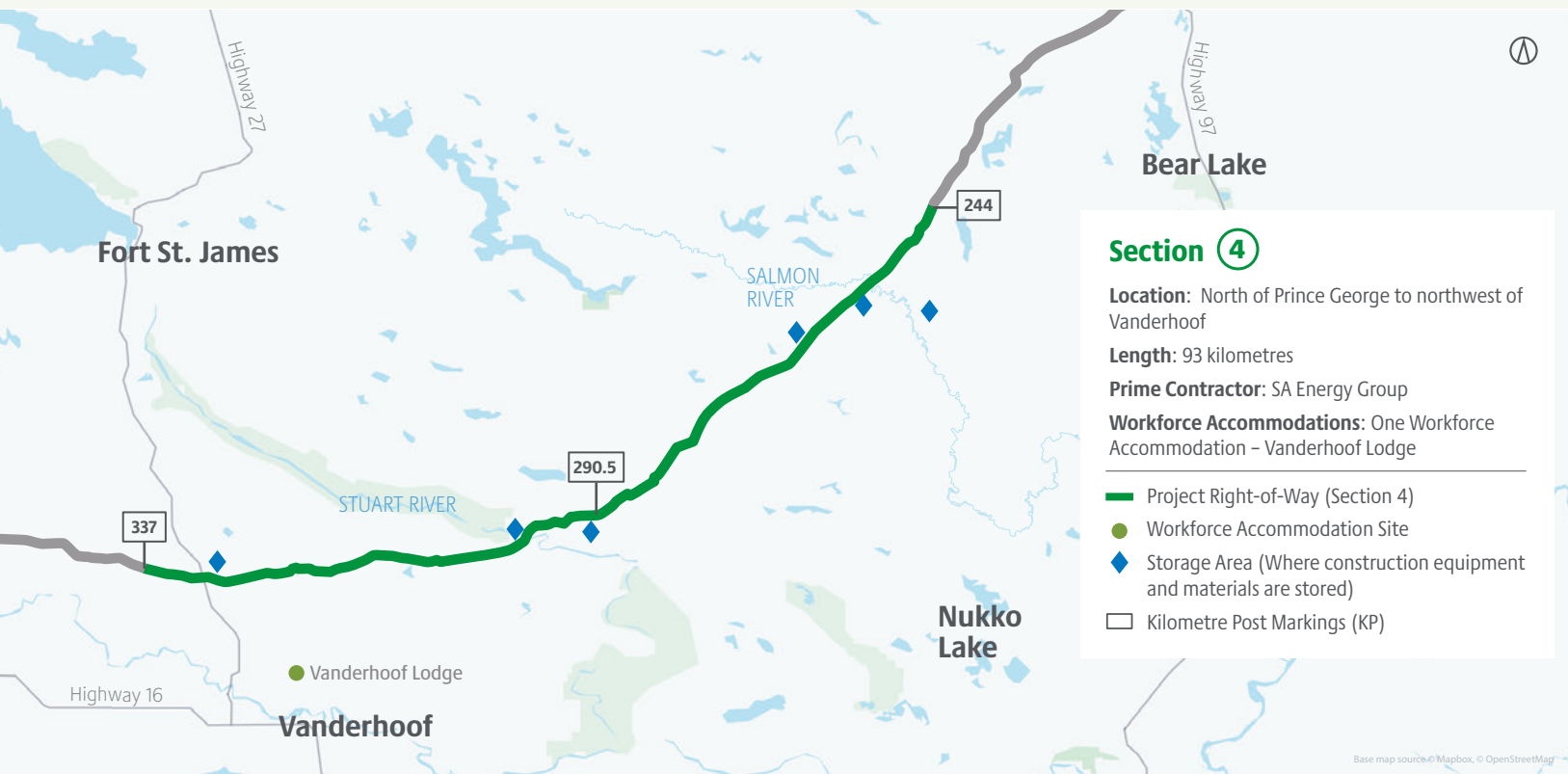
83%

of pipe installed, includes activities from stringing through to backfilling



616

workers at Vanderhoof Lodge



Key activities:

- Mobilized tunnel boring machine to complete the Stuart River direct pipe installation (DPI)
- Construction ongoing including grading, stringing, bending, welding, coating, trenching, lowering in and backfill
- Completed successful hydrotest of Stuart River pipe string

Look ahead*:

- Tie-in and machine cleanup work ongoing
- Prepare and begin Salmon River DPI
- Increased traffic to transport pipe from storage sites to project route
- 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.

5 Section 5: Monthly Construction Update

At a glance:



100%

cleared, includes project route and ancillary sites



31%

of grading completed



2.9%

of pipe installed, includes activities from stringing through to backfilling



181

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)

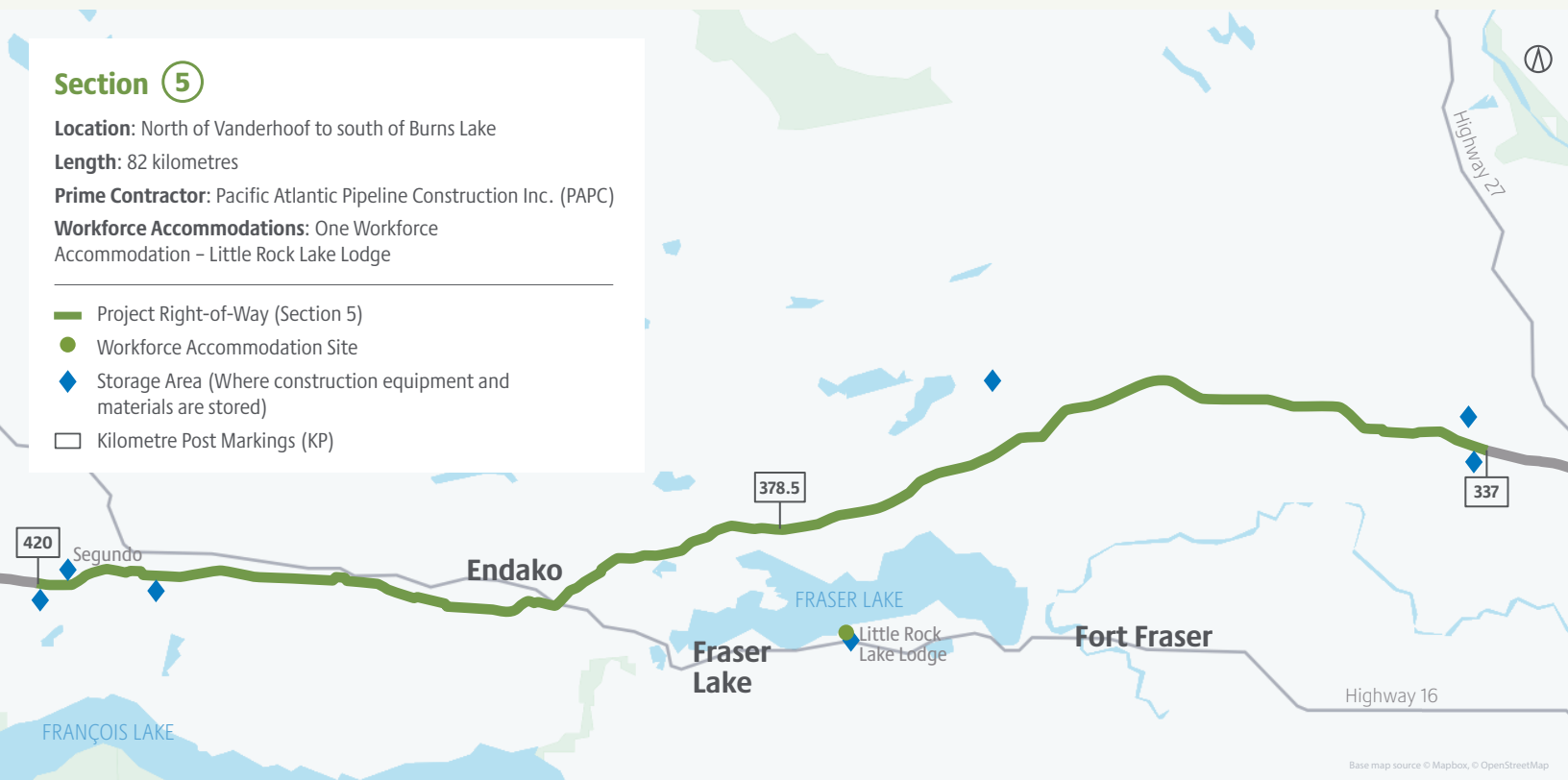
Workforce Accommodations: One Workforce Accommodation – Little Rock Lake Lodge

— Project Right-of-Way (Section 5)

● Workforce Accommodation Site

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

□ Kilometre Post Markings (KP)



Key activities:

- Conducted access, grubbing, grading, including blasting, and stringing based on ground conditions
- Ongoing crossing installations
- Continued erosion and sediment control monitoring
- Ongoing civil and main construction phase activities for Little Rock Lake Lodge

Look ahead*:

- Continue access, grubbing and grading including blasting
- Continue stringing and preparation for mechanical works
- Increased traffic from storage sites to project route to transport pipe
- Drone and controlled blasting activities as required
- Continue civil and main construction phase activities for Little Rock Lake Lodge

**All schedules are subject to change*

6 Section 6: Monthly Construction Update

At a glance:



99%
cleared, includes
project route and
ancillary sites



43%
of grading
completed



12%
of pipe installed, includes
activities from stringing
through to backfilling



576
workers at 7 Mile
Lodge

Section 6

Location: South of Burns Lake to south of Houston

Length: 85 kilometres

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

Workforce Accommodations: One Workforce Accommodation – 7 Mile Lodge

- Project Right-of-Way (Section 6)
- Workforce Accommodation Site
- Storage Area (Where construction equipment and materials are stored)
- Kilometre Post Markings (KP)



Key activities:

- Ongoing bending, welding, coating trenching, lowering-in and backfill
- Ongoing crossing installations
- Continued erosion and sediment control monitoring
- Continued pipeline construction corridor grubbing and grading, including blasting

Look ahead*:

- Continue access, grubbing, grading, including blasting and mechanical works
- Commence trenching, lowering-in, backfilling and first in-stream works
- Continued erosion and sediment control monitoring
- Increased traffic to transport pipe from storage sites to project route
- Drone and controlled blasting activities as required

**All schedules are subject to change*

7 Section 7: Monthly Construction Update

At a glance:



35%

cleared, includes project route and ancillary sites



0%

of grading completed



0%

of pipe installed, includes activities from stringing through to backfilling



153

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 civil and access works at Huckleberry Lodge and counterboring at Houston storage site
- Ongoing geotechnical and geophysical investigation work to support design development
- Ongoing section clearing
- Ongoing civil and accommodation installation works at Huckleberry Lodge

Look ahead*:

- Continue clearing as weather permits
- Continue pipe counterboring as well as civil and commissioning activities at Huckleberry Lodge
- Increased traffic to transport pipe from storage sites to project route
- Drone and controlled blasting activities as required

**All schedules are subject to change*

8 Section 8: Monthly Construction Update

At a glance:



72%

cleared, includes project route and ancillary sites



38%

of grading completed



4.3%

of pipe installed, includes activities from stringing through to backfilling



660

workers at Sitka Lodge, Hunter Creek Lodge and 9A Lodge

Section 8

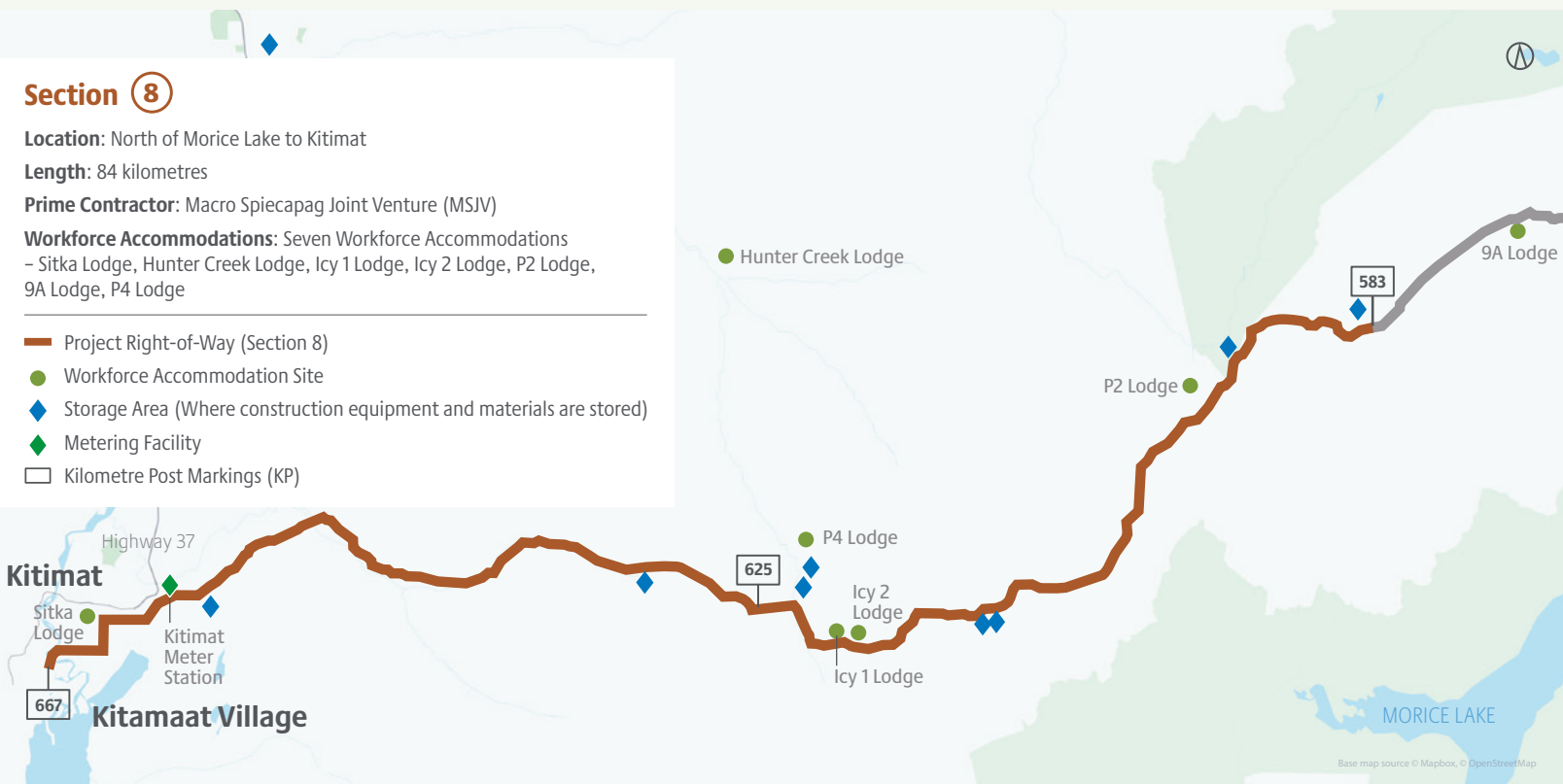
Location: North of Morice Lake to Kitimat

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:

- Continue installation work at LNG Canada Connector site
- Ongoing stringing, crossing installation, access and general maintenance
- Ongoing clearing, grading, blasting, erosion and sediment control, and road maintenance
- Cable Crane Hill construction continued
- Platform construction at P2 Lodge

Look ahead*:

- Clearing on priority work fronts
- Continue drilling, blasting, and mechanical works and crossing installations
- Complete installation work at LNG Canada Connector site
- Construction work near Icy Pass 1 and continue platform construction at P2 Lodge
- Drone usage, burning and controlled blasting activities as required
- Increased traffic to transport pipe from storage sites to project route

**All schedules are subject to change*

Kitimat Meter Station

Key activities:

- Completed final piping weld with 156 total welds; piping installation and backfill complete
- Heated storage building installation complete
- Grading completed in available areas

Look ahead*:

- Build powerline infrastructure
- Demobilization of materials, equipment and labour for winter break

**All schedules are subject to change*

Graphic of the month

Look what we achieved in 2020! Thank you to the Coastal GasLink team, our Indigenous and community partners, supporters and many others who helped us achieve these important milestones this year. Read more about how Coastal GasLink is giving back to our local communities at CoastalGasLink.com. TC Energy and Coastal GasLink wishes you and your family a safe and joyful holiday season!



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.

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:



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