

Work Notice: Construction work on Brougham Street

Orion

Where	SH76 Brougham Street - Wilsons Road to Burlington Street
When	9 January to early February 2024
Why	To install a new underground power cable

Date: December 2023

Night works on Brougham Street - plan your journey and expect delays

What we are doing

Since November we've been working on SH76 Brougham Street, between Wilsons Road and Ensors Road, to install a new underground 66kV power cable.

From 9 January 2024 we'll be working on Brougham Street from Wilsons Road to Burlington Street.

We'll be working at night between 6pm and 6am, from Sunday night to Friday morning.

To install the new cable, we first place cable ducts in the road. Ducts are plastic pipes that we pass the cable through later. Once the ducts are in place, we fill in the trench, reinstate the road surface and reopen the road.

After all the cable ducts are in, we install the cable in 800m lengths and join it together at joint bays.

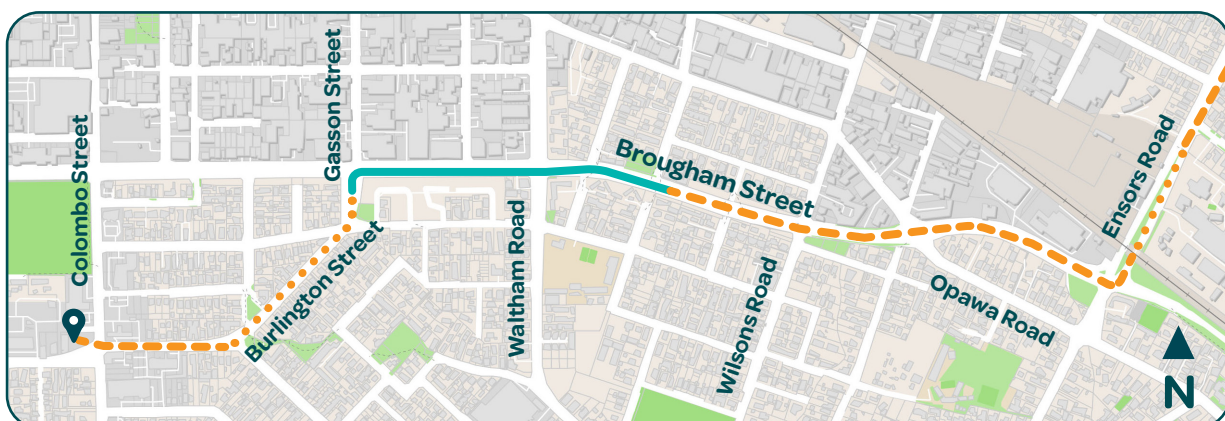
Brougham St will be open while we work.

There will be noise and vibration at night while we work in the road.

Traffic set up

To do this work safely, traffic management will be in place.

- The traffic set up will change as we work along Brougham Street.
- The traffic set up will be different during the day, and at night when we are working.
- **Please follow any signs and instructions from our crew.**
- More information on the traffic set up is over the page.



KEY

- New power cable - January - February 2024
- - - Installed cable ducts
- Future cable work

Orion Milton Substation

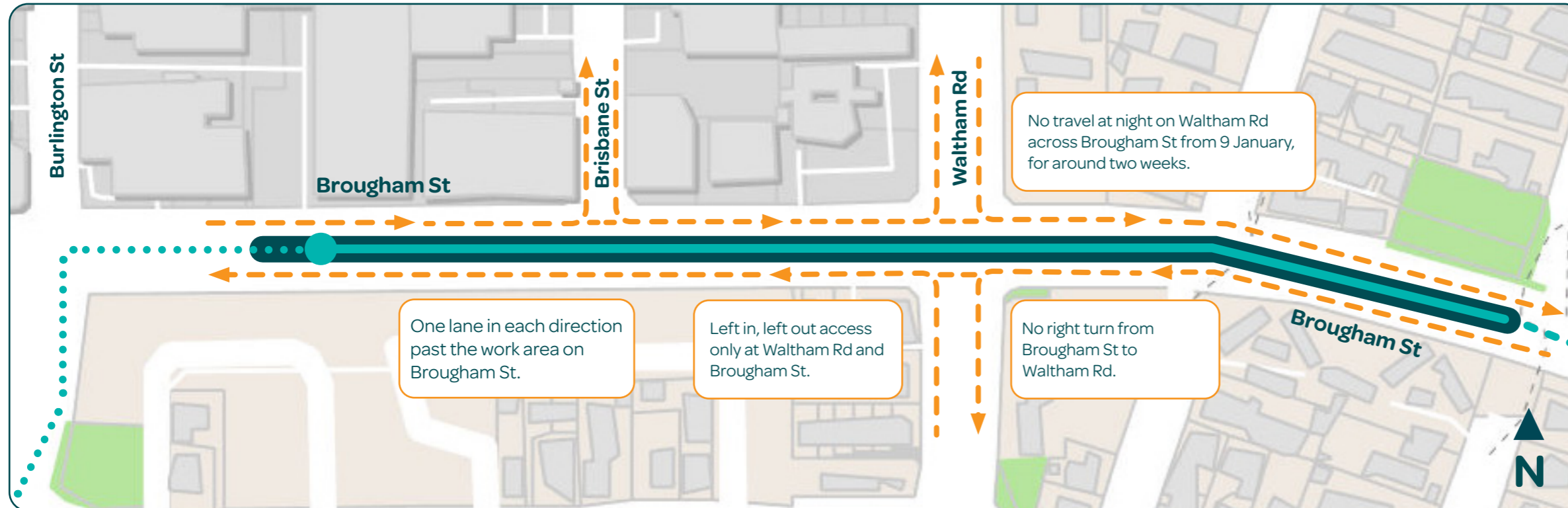
Traffic set up on SH76 Brougham Street at night

Contact Isaac Construction on 027 387 5526, or email 66kvbromleytomilton@isaac.co.nz

Brougham Street:

- Between Wilsons Road and Burlington Street
- Including the intersection at Waltham Road

9 January for around three weeks.



NIGHT - 6pm to 6am:

- One lane in each direction on Brougham St.
- No travel on Waltham Rd across Brougham St.
- No right turn from Brougham St into Waltham Rd.
- Left in, left out access only at Waltham Rd and Brougham St.

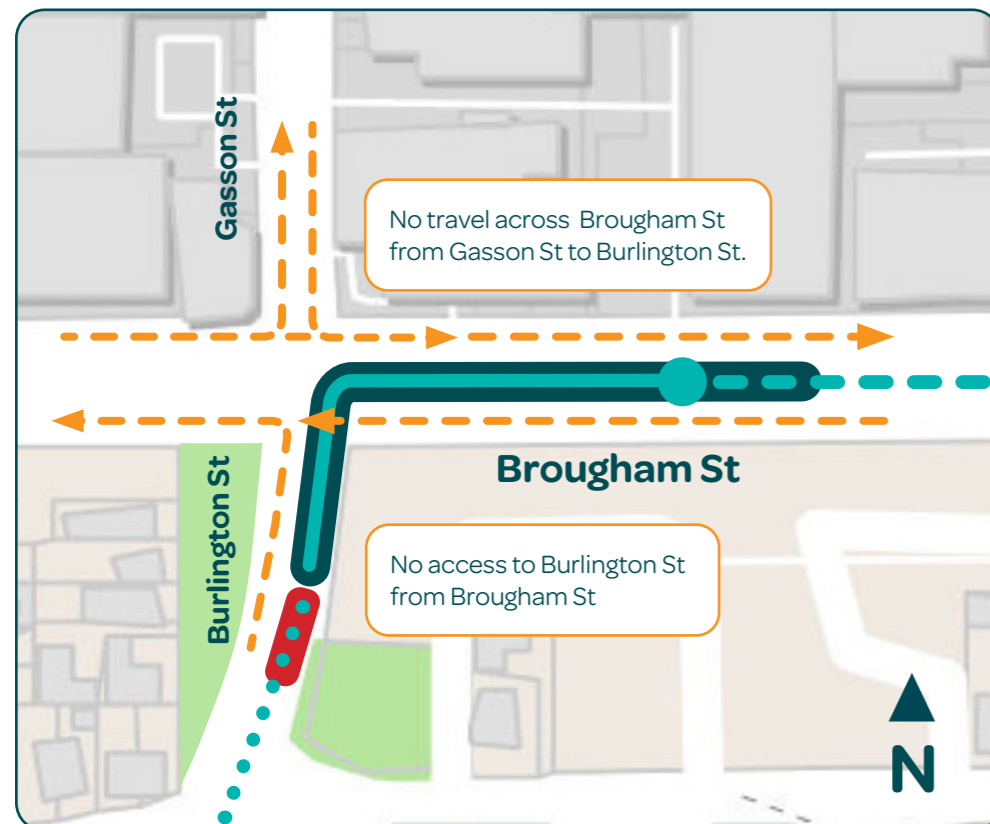
DAY - 6am to 6pm:

- Two lanes in each direction on Brougham St.
- Travel on Waltham Rd across Brougham St open.
- No right turn from Brougham St to Waltham Rd.

It will take around two weeks for us to install cable ducts across the intersection at Waltham Road. When we're finished, we'll open the intersection up for travel across Brougham Street while we continue to work either side of the intersection.

Brougham Street / Burlington Street intersection

End-January for around two weeks.



NIGHT - 6pm to 6am:

- One lane in each direction on Brougham St.
- No access to Burlington St from Brougham St.
- Left and right turn from Gasson St to Brougham St only.
- Left and right turn from Burlington St to Brougham St.
- At times there will be no right turn from Brougham St to Gasson St.

DAY - 6am to 6pm:

- Two lanes in each direction on Brougham St.
- No access to Burlington St from Brougham St.
- Left and right turn from Gasson St to Brougham St only.
- Left and right turn from Burlington St to Brougham St.
- At times there will be no right turn from Brougham St to Gasson St.

Work at the intersection will be in two stages. The traffic management will change as we work around the intersection from Brougham St to Burlington St.

KEY

- Work area
- New cable ducts
- Installed cable ducts
- More cable work
- Cable joint bay
- Traffic flow
- Road closed

Plan your journey and expect delays.

The traffic management set up will change. Follow any signs and instructions from our crew.

There will be detour routes where access is temporarily restricted. Follow the detour signs.

Noise and vibration

We're working at night when traffic flows are lighter. At times, there will be noise and vibration when we are working.

You may hear noise from these construction activities:

- Removing the road surface using a milling machine
- Hydroexcavation to expose existing services
- Digging the trench for the cable duct
- Compacting crushed rock in the trench
- Reinstatement of the road surface

These construction activities may cause vibration:

- Removing the road surface
- Reinstatement of the road surface

We will try to keep noise to a minimum, however construction work is noisy. We will be working as quickly and safely as we can to get these works done.

On-street parking

There will be no on-street parking during the day, or at night where we are working.

Property access

Property access will be maintained day and night while we are working. If you have any specific access needs (e.g. deliveries at night), please let us know.

Keep up to date

For more information, and to keep up to date on the cable project visit Orion Have Your Say at:

www.haveyoursay.oriongroup.co.nz/bromley-to-milton-cable

Or, scan the QR code:



Why we are doing this work

A secure and resilient power supply is essential to how we live, work and play. So we're strengthening our electricity network so it's ready for the future.

Installing this cable is part of a project to build a new underground power cable from Bromley Substation on Ruru Road to Milton Substation on Milton Street.

Over the next ten years, we're **replacing older power cables** in Christchurch. Our network is reliable, and these cables will continue to work under normal conditions. However, these older cables are vulnerable to earthquakes, and after a significant shake there could be faults that are difficult to repair.

New cables mean the electricity network will be **stronger** and we'll be able to restore power quicker.

To take the older cables out of service, we need to build new power circuits first. The cable from Bromley to Milton Street is the first new circuit.

This new circuit will also help make our electricity network more **secure**. If there is a fault on the network we'll be able to keep more customers on, and restore power quicker.

The new cables are the latest technology and are sized to accommodate the **growing demand** for power.

If you would like more information, please contact our Customer Support team on **0800 363 9898**, day or night.

**We're strengthening
our electricity network**

