

# Meeting minutes

## TransGrid - Powering Sydney's Future CSRG

<b>Date</b>	28 January 2021	<b>Time</b>	5:00pm – 6:30pm
<b>Chair</b>	Brendan Blakeley, Elton Consulting	<b>Recorder</b>	Ella Burgess, Elton Consulting
<b>Attendees</b>	Brian Hudson, CSRG Member Jeff Senior, CSRG Member Jo Blackman, CSRG Member David Crosby, CSRG Member Nathan Menser, TransGrid Peter Leate, TransGrid Colin Mayer, TransGrid Padraig Clifford, TransGrid Mark McEearney, TransGrid John Klaser, Taihan Colin O'Mahony, Taihan Brendan Elliott, Garde	<b>Apologies</b>	Wally Mehanna, CSRG Member

Item	Discussion Point
1.	<b>Welcome and introductions</b> <ul style="list-style-type: none"><li>» The meeting commenced at 5:03pm.</li><li>» The Chair welcomed all participants, including an acknowledgement of country.</li><li>» The Chair noted there were a number of new participants and asked each member to introduce themselves.</li><li>» All participants introduced themselves, with CSRG members providing an explanation of their role in the community and reasons for being on the committee. TransGrid, Taihan and Garde team members explaining their role in the project.</li><li>» The Chair gave an overview of the meeting agenda, explaining this meeting would provide an orientation to the project.</li></ul>
2.	<b>Review of notes from previous meeting</b> <ul style="list-style-type: none"><li>» The Chair called for any comments on the previous meeting minutes. <i>No comments were noted from the group.</i></li></ul>
3.	<b>Work progress update</b> <ul style="list-style-type: none"><li>» Padraig provided an update on the progress of the project.<ul style="list-style-type: none"><li>&gt; Currently 54% of the route is complete including trenching and under-boring.</li><li>&gt; Of the total 19.6km of trenching, approximately 10km has been completed.</li><li>&gt; Refer to page 3 of the presentation which displays the trenching at Sydenham Road, Marrickville. This section was completed over a few days in the January school holidays, availing of the lower traffic volume period and minimising the need to conduct the trenching at night.</li></ul></li></ul>

- » Padraig explained the two ways in which TransGrid has inserted conduits; a trefoil (triangular) arrangement which is typical and preferred or a flat arrangement (see page 4 of presentation).
- » 10,550 linear metres of conduits have been installed by trenching, drilling and bridge work.
- » Currently, 20 out of 46 joint bays have been installed. Half of the 46 joint bays will be energised on completion, with the remaining 23 joint bays installed now for future use.
- » Refer to page 5 of the presentation for images of circuit installation on Yangoora Road in Lakemba. The images show provisioning for future cabling and temporary treatment. A permanent re-sheet of the impact sections of the road will occur in final restoration.
- » Padraig gave a description of the cable drum transport unit used in the project and its transportation.
  - > The cable drum transport unit has been designed in Australia and was manufactured in New Zealand and delivered in October.
  - > The three cable lengths have been pulled into five different sections of the project.
  - > 13.96km of 330kV cable has been installed in conduits.
  - > The cable drums are 5.5 metres wide, and each cable drum weighs about 40-50 tonnes. Each drum holds up to 1,000 metres of cable; the cable weighs 42kg per metre.
  - > The size and scale of the cable and cable drums requires detailed planning to navigate under overhead services for site delivery. The drums are rotated 90 degrees on the truck during transport, and then turned into position on the trailer when delivered to site.
- » Mark explained that typical cable lengths on the drums have been virtually doubled for this project, and this is a positive innovation developed by the contractor to minimise impacts.
  - > The cable lengths are joined together at the joint bays, inside a shed approximately 10 metres by three metres. Refer to page 5 of the presentation for images of the joint bays at Yangoora Road, Lakemba.
- » Specialist workers perform precise joining work in controlled conditions. Padraig clarified that TransGrid use these specialised workers as there are only few in the world who can work on cables with this voltage.
  - > Two joint bays have been completed in Rawson Road, Greenacre (refer to page 7 of presentation) and Hillcrest Avenue in Greenacre.
- » On 2 December, works in consultation with Sydney Metro commenced on the Bedwin Road cable bridge
  - > Works for the Bedwin Road cable bridge are progressing well, with the foundations already complete and abutment construction underway. Images are provided on page 8 of the presentation showing progress.
  - > The Bedwin Road bridge is in development with TfNSW and will provide a cyclist crossing for the local community. Inner West Council is also involved, as it will create the connections from local cycleways to the new cable bridge.
- » The Chair called for questions

*Jo made note that there have been works progressing where she lives. One of her neighbours on Constitution Road made a noise complaint about night works and was happy with the outcome of the complaint.*

*Jo asked if a small tree that had been cut down near a neighbour's home would be replaced. Jo mentioned that it was a small gum about 1.5 metres tall.*

- » Padraig responded that TransGrid will take this question on notice.
  - > **ACTION:** TransGrid to advise Jo Blackman of next steps regarding small gum tree.

*Jeff commented that the project team have done well receiving minimal complaints, considering the size and scale of the project. There has been a positive relationship established between the team and the local community.*

#### 4. **Construction look ahead**

- » Padraig provided a summary of current and anticipated construction timeframes for each impacted LGA.
  - > Refer to the presentation for a construction look ahead for the City of Canterbury Bankstown (page 10); Inner West (page 11); City of Sydney (page 12). Works in Canterbury Bankstown and Inner West are scheduled to be complete in Q3, 2021.
- » Works in City of Canterbury Bankstown started on 27 August 2020, with drilling and trenching anticipated to be completed by March 2021.
- » TransGrid has recently received permission to begin underground boring below Walker Street and in Belmore.
- » Cooks River works have been delayed as investigations identified that the underbore will need to go deeper than expected. A notification sent to the community that indicated a start date has already passed. The new start date has not yet been communicated to the community, as it is currently not known.

*Brian noted his interest in Cooks River, and asked how the changes in the river alignment are going to impact the project.*

- » Padraig advised that the river alignment at the point of the proposed cable crossing is still very similar as are the natural location and the concrete lined location. The rock depth is two metres deeper than expected (12 metres deep).
- » Other underboring work in the City of Canterbury Bankstown was complete on 28 January. The next stage of work is within City of Sydney, for about 1km near Sydney Park.
- » Padraig made note that as Sydney Park was previously a brick quarry, TransGrid is working in soils that require varying levels of remediation.
  - > TransGrid will be seeking access to a private property on Euston Road.
  - > The timeframe for cable pulling in the City of Sydney LGA is longer than other LGAs, as it ties in with a package of work to be undertaken within the Beaconsfield substation.
- » The Chair called for questions.

*No questions were noted from the group.*

#### 5. **Community and Stakeholder Engagement**

- » Peter outlined how project engagement, such as door knocking, has been adapted due to COVID. As restrictions ease, regular delivery of engagement will resume.
- » Refer to page 15 of the presentation for the list of tailored communications and key messages. Peter emphasised that TransGrid is always looking for feedback to improve their messages.
- » Brendan from Taihan referred to a particular case regarding a childcare centre which was being impacted upon by trenching. A specific communications plan and tailored

communications were put in place to better assist in understanding of changed traffic conditions, which proved successful.

- » Refer to page 16 of the presentation for a map of managing community impact at Old Canterbury Road, Dulwich Hill.
  - > Alongside other agencies, the project team was successful in negotiating a strategy that would substantially reduce the timeframe that residents and road users would be impacted by construction. The initial consultation with local residents identified that the works proposed in this area should be completed as quickly as possible.
  - > The outcome was a condensed, two-week program with work scheduled on a 24/7 basis. Work commenced on site on 27 January 2021.
  - > Colin from Taihan explained that the project team is considering similar applications of this methodology at other streets in the Inner West (Addison Road, Enmore Road, Edgeware Road and May Street). The original strategy on Old Canterbury Road took several months of negotiation and they don't have similar timeframes for every site available to them.
  - > Peter noted that with this type of cable project, there are complaints have regarding noise from road plates. Working on a 24/7 basis removes the need for road plates to be installed (they cause noise and are hard to secure).

» The Chair called for questions.

*No questions were noted from the group.*

## 6. Management of complaints

- » Peter gave an overview of complaints management.
  - > Overall the project has been running well and meeting expectations in terms of complaints, but TransGrid was working to minimise complaints wherever possible.
  - > Refer to page 17 of the presentation for an overview of complaints received as well as key themes that have come from each LGA.
  - > Complaints have been increasing as the project increases its footprint in the Inner West area, given the narrower streets and less parking. This was expected.
  - > TransGrid has received complaints from a small number of residents who are concerned about magnetic fields. TransGrid has engaged in dialogue with these residents, and continues to share information and offer support. » Padraig gave an overview of complaints stemming from dust.
  - > A primary source of dust generation on the project can occur during asphalt or concrete cutting. While wet cutting methods and wet vacs are used, the project received a complaint from a Constitution Road resident regarding dust. On investigation, there was an unexpected dusty sand layer beneath the concrete road pavement. Where we can mitigate dust with wet cutting methods, those steps will always be taken.
- » John from Taihan noted that the Taihan Environment Manager sends out forecast updates at the start of each week, so the project delivery team can prepare and adopt certain methods to cope.
- » Peter noted that there may be potential for an increase in complaints associated with project fatigue, where construction takes longer than expected in a specific location.

- » Peter requested if any of the members know of any unhappy community members to please get in touch with the community relations team: 1800 955 588, [psf@transgrid.com.au](mailto:psf@transgrid.com.au), PO Box A1000, Sydney South, NSW 1235
  - » The Chair called for questions
- No questions were noted from the group*
- » Brendan from Taihan gave an overview of how their approach to community relations will always remain to minimise and mitigate the issue, and help the complainant where they are able to do so.

## 7. Greening initiatives and community grants

- » Peter gave an overview of the community grants program. Refer to page 18 of the presentation.
  - > Focus on grass roots organisations, community gardens and community greenery.
  - > Promotion of the community grants program has been done via social media. Peter emphasised that they are very interested in working with councils as well as local organisations.
- » The Chair called for questions.
 

*Brian enquired about Scout Hall's application, and why they had missed out on a grant.*
- » Peter believed that the group had shown interest in applying for a grant but had not submitted a formal application through the grants process. He said TransGrid remained very interested in considering the grant if they made a formal application in the next round.
  - > **ACTION:** Peter to follow up with the Scout Hall.
- » The Chair called for questions.
 

*Jeff Senior asked Peter to email him his contact.*

  - > **ACTION:** Peter to email Jeff his contact details.

*Jo expressed interest in talking to David Crosby about future partnerships with Inner West Council.*

## General discussion

- » The Chair called for questions.
 

*Jeff commented that he would like to see the permanent road restorations take place as soon as possible as he thinks public perception is that the project is finished in certain areas.*

  - > ACTION: TransGrid to ensure strong messaging is in place in communications to ensure the community is aware of the status of restoration and that permanent restoration is still to come.

## 8. Meeting close

- » Next meeting to be held Thursday 29 April at 5pm – 6:30pm online via Webex.
- » If there are more immediate project-related concerns, get in touch with the community relations team: 1800 955 588, [psf@transgrid.com.au](mailto:psf@transgrid.com.au), PO Box A1000, Sydney South, NSW 1235.
- » The meeting closed at 6:16pm.

# Powering Sydney's Future

Potts Hill to Alexandria transmission cable project

Community & Stakeholder Reference Group (CSRG)  
presentation

January 2021

# Construction update

# Photos from the field



## Trenching

- 54 per cent complete
- 19.6km trenching in total
- Typical trench dimensions: 2m to 3m wide; 1.5m to 2m deep (depends on other utilities in area)

Trenching along Sydenham Road



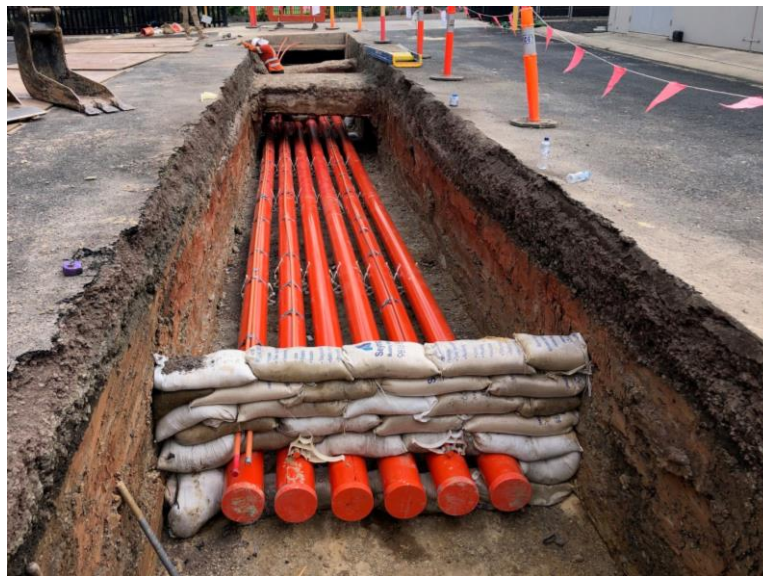
# Photos from the field



Trefoil arrangement (passing under other service)

## Conduits

- 10,550 lineal metres of conduits installed by trenching, drilling (HDD) and bridge work



Flat arrangement (Rookwood Road substation)

# Photos from the field



## Joint Bays

- 20 joint bays installed (of 46)



Yangoora Road, Lakemba

# Photos from the field

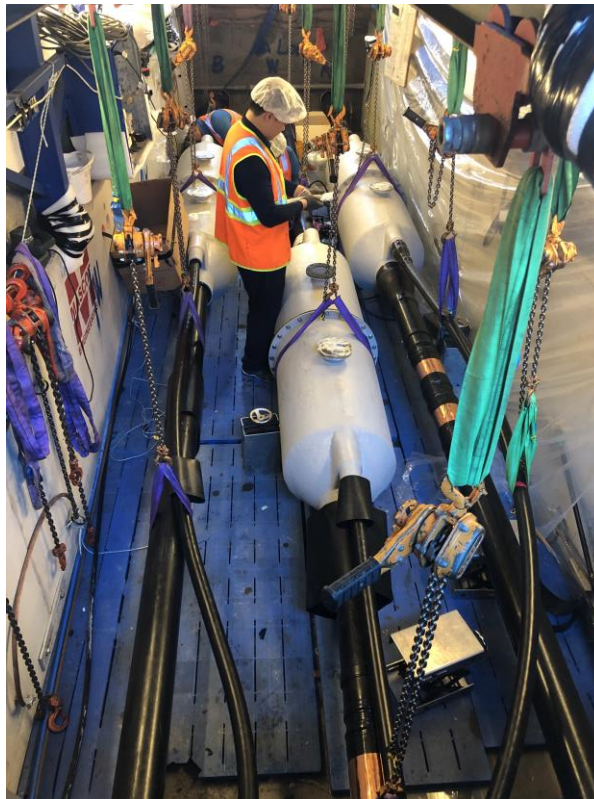
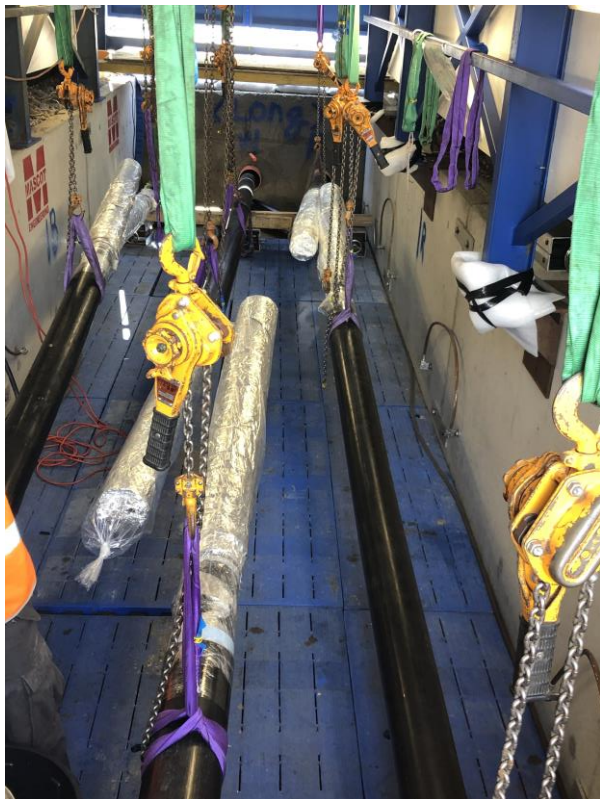


## Cable

- Cable pulled into five sections of project (total of 24 sections)
- 13.96km 330kV cable installed in conduits (24%)
- Each cable drum weighs 50 tonnes
- Each drum has up to 1000 metres of cable
- Cable weighs 42kg per metre

330kV cable installation – Maiden St, Greenacre

# Photos from the field



## Cable jointing

- Cable joined together at joint bays
- Works occur inside shed about 10 metres by 3 metres
- Specialist workers perform this precise work in controlled conditions

330kV jointing – Rawson Rd, Greenacre

# Photos from the field



## Bedwin Road Bridge

- Cable bridge will provide new active link for cyclists
- Works are on program, with bridge foundations complete
- Abutment construction is under way



# Construction schedule

# Powering Sydney's Future – City of Canterbury Bankstown Construction look ahead

Activity	Start	Finish
Trenching	August 2020	March 2021
Underboring	September 2020	March 2021
<i>Cooks River</i>	<i>February 2021</i>	<i>March 2021</i>
Joint bay construction	August 2020	April 2021
Cable hauling	October 2020	May 2021
Cable jointing	November 2020	May 2021
Permanent restoration	March 2021	July 2021

Timing is approximate and subject to change

# Powering Sydney's Future – Inner West

## Construction look ahead

Activity	Start	Finish
Underboring	December 2020	April 2021
Trenching	December 2020	May 2021
Bedwin Road cable bridge	December 2020	May 2021
Joint bay construction	November 2020	June 2021
Cable hauling	February 2021	June 2021
Cable jointing	March 2021	July 2021
Permanent restoration	May 2021	September 2021

Timing is approximate and subject to change



# Powering Sydney's Future – City of Sydney

## Construction look ahead

Activity	Start	Finish
Underboring *	February 2021	March 2021
Trenching *	January 2021	March 2021
Joint bay construction	January 2021	March 2021
Cable hauling	May 2021	June 2021
Cable jointing	June 2021	June 2021
Beaconsfield substation	March 2021	October 2021
Permanent restoration	June 2021	October 2021

Timing is approximate and subject to change

\* Works occurring in and around Sydney Park from January to March 2021

# Community and stakeholder

# Ongoing community & stakeholder engagement



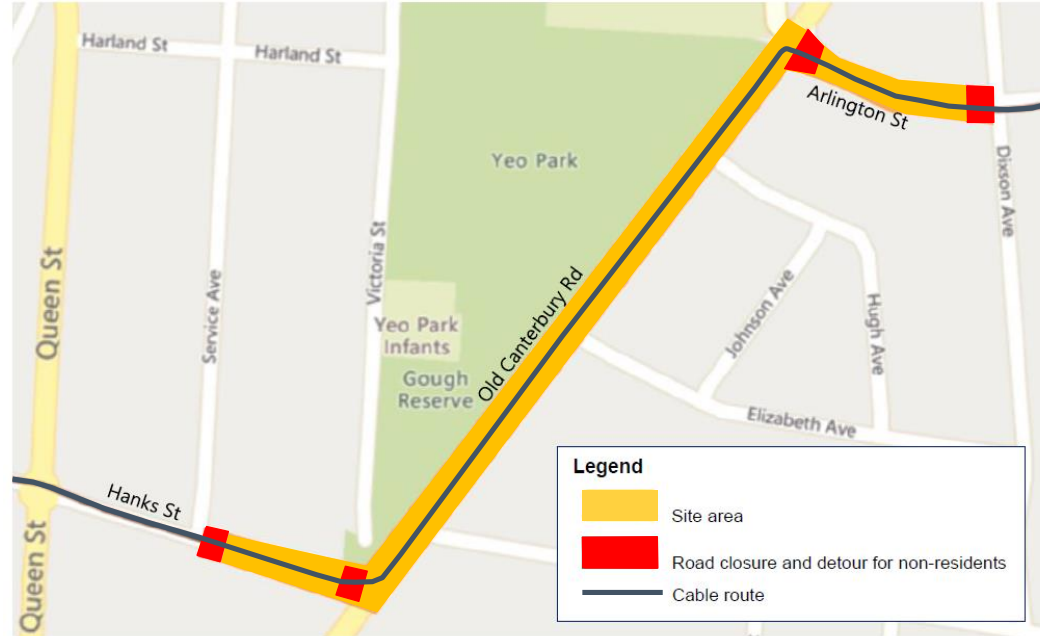
# Tailored communications

- Focus is on adapting standard communications to meet the needs of groups or communities
- Case study from Greenacre in late 2020, where streets experienced impacts of trenching, joint bay construction and underbore work
- Tailored communications helped managed the impact of changed traffic conditions for parents at a local child care centre

# Managing community impact

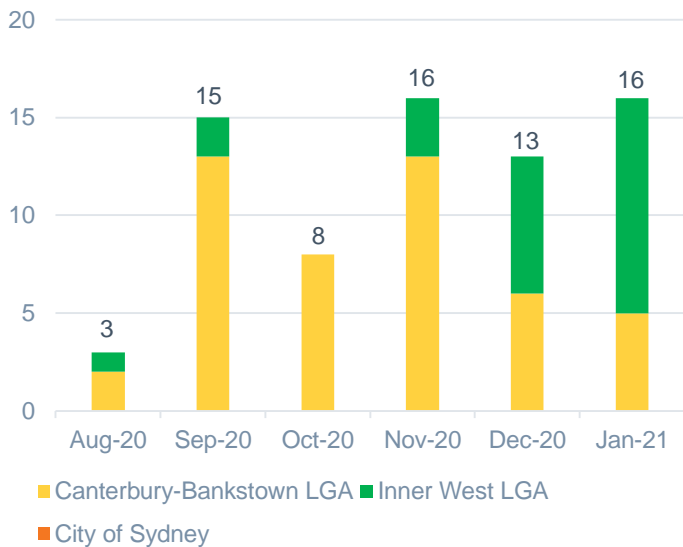
## Trenching at Old Canterbury Road, Dulwich Hill

- Improved strategic approach for residents and road users during construction
- Initial proposal: extensive night works program of two to three months duration
- Strategy: Improved liaison with transport authorities to maximise day works
- Outcome: Condensed works into two week program on 24 / 7 basis
- Project team seeking similar application at Addison Road and Enmore Road (Marrickville), Edgeware Road (Newtown) and May Street (St Peters).



# Complaints management

Total number of complaints, by month



- Total of 71 complaints for the project from 26 August 2020 until 22 January 2021

LGA	Total	Complaints 1 Oct 20 – 22 Jan 21	Themes
City of Canterbury Bankstown	47	32	<ul style="list-style-type: none"> <li><b>Construction impacts:</b> Dust, noise and vibration, restoration, safety, traffic &amp; transport, work hours</li> <li><b>Property impacts:</b> access, damage, parking</li> <li><b>Notification of work</b></li> </ul>
Inner West Council	24	21	<ul style="list-style-type: none"> <li><b>Construction impacts:</b> Dust, noise and vibration, restoration, safety, traffic &amp; transport, work hours, worker noise (early morning chatter)</li> <li><b>Property impacts:</b> access, damage, parking</li> <li><b>Design</b> (of cable route)</li> <li><b>Magnetic fields</b></li> </ul>
City of Sydney	0	0	<ul style="list-style-type: none"> <li>N/A</li> </ul>

# Community grants

- Finalising 2020 round of community grants
- TransGrid wants to give back to the communities we are working in through supporting community greening and local grass roots projects
- Applications for first round of 2021 grants are coming up - recommendations for local projects and initiatives are welcome from CSRG members

# Any other business

Questions

Next meeting:

Thursday 29 April 2021, 5pm – 6.30pm



# Contact the project team

## General project contact details

Toll-free phone number: 1800 955 588

Email: [psf@transgrid.com.au](mailto:psf@transgrid.com.au)

Post: PO Box A1000, Sydney South NSW 1235





Thank you

January 2021