

District of North Vancouver Community Monitoring & Advisory Committee Seymour-Capilano Water Utility Projects

Meeting Notes – April 26, 2017

Agenda

1. Capilano Water Main Project - Edgemont Valve Chamber construction
2. Other Business
 - a) Next meeting date

Attendance (Bolded names indicate attendance)

Community Advisory Committee Members:

- | | |
|----------------------------|--|
| ▪ Lorraine Jamieson | Capilano / Grouse Woods Residents Association |
| ▪ Peter Thompson | Edgemont Community Association |
| ▪ Corrie Kost | Edgemont Community Association |
| ▪ Norm Daniels | Lynnmoor South Inter-River Community Association |
| ▪ Lee Gavel | Lynn Valley Community Association |
| ▪ Alf Cockle | Blueridge Community Association |

District of North Vancouver Representatives:

- | | |
|-------------------------------|---|
| ▪ Councillor Doug MacKay-Dunn | DNV Council |
| ▪ Councillor Robin Hicks | DNV Council |
| ▪ Carol Walker | Manager – By-law Enforcement |
| ▪ Steve Ono | Manager – Engineering Services |
| ▪ David Desrochers | Engineering Services |
| ▪ Erin Moxon | Project Manager - External Projects |
| ▪ Carolyn Drugge | Construction Traffic Management Program Coordinator |

Metro Vancouver Representatives:

- | | |
|---------------------------|---|
| ▪ Tim Jervis | General Manager - Water Services Department |
| ▪ Murray Gant | Senior Engineer - Major Projects, Water Services Department |
| ▪ Goran Oljaca | Director - Engineering & Construction, Water Services Department |
| ▪ Hein Steunenberg | Division Manager - Engineering & Construction, Water Services Department |
| ▪ Vanessa Anthony | Program Manager – Public Involvement, Water Services Department |
| ▪ Amrit Dhatt | Community Liaison Officer - Public Involvement, Water Services Department |

Guests:

- | | |
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| ▪ Bill Lloyd-Jones | Delbrook Community Association |
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Facilitator:

- **Raymond Penner** the Strategic Action Group

1. Capilano Water Main Project - Edgemont Valve Chamber construction

a. Construction Schedule

Activity	2017		
	Apr	May	Jun
Tie-in connections and disinfection	■		
Pipes, valves, and water mains in service		■	
Edgemont Valve Chamber construction	■	■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■
Walls and roof slab, backfilling	■ ■ ■ ■ ■ ■ ■ ■		■ ■ ■ ■ ■ ■ ■ ■
Installation of steel platforms (inside)			■ ■ ■ ■ ■ ■ ■ ■
Paving and restoration		■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■

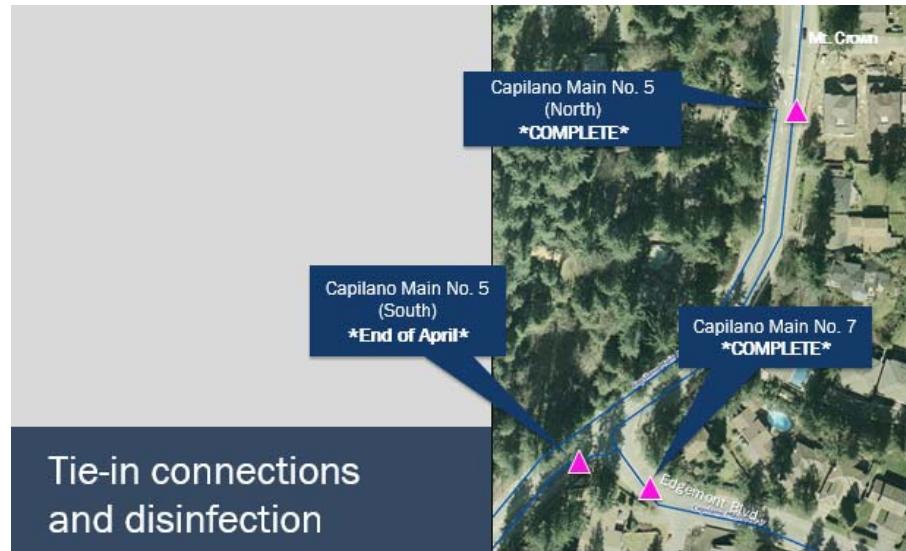
- tie-in work complete end of April
- Capilano Road is expected to return to 2 way traffic on Sunday, April 30; all above-ground and outside work on the chamber, including road base preparation will be complete by Friday, June 16th
- Edgemont Blvd and the intersection at Capilano will be open starting Monday, June 19, 2017
- additional work inside the chamber taking place in the last 2 weeks of June
- paving and restoration will take 3 weeks (on and off)
- our contractor (Pedre) and their sub-contractors re-evaluated their schedule and found that they've underestimated the timeframe they've allotted to complete the rebar installation; this new schedule allows for a more realistic project completion date which is end of June 2017; the contractor originally had up to 15 people working on the rebar installation but due to safety from the tight space, they could not accommodate all of these or add more

b. Completed Activities

- the concrete floor slab has been completed
- the pipe installation into the chamber have been installed
- Capilano Main No. 5 North and Capilano Main No. 7 are completed

c. Current Activities

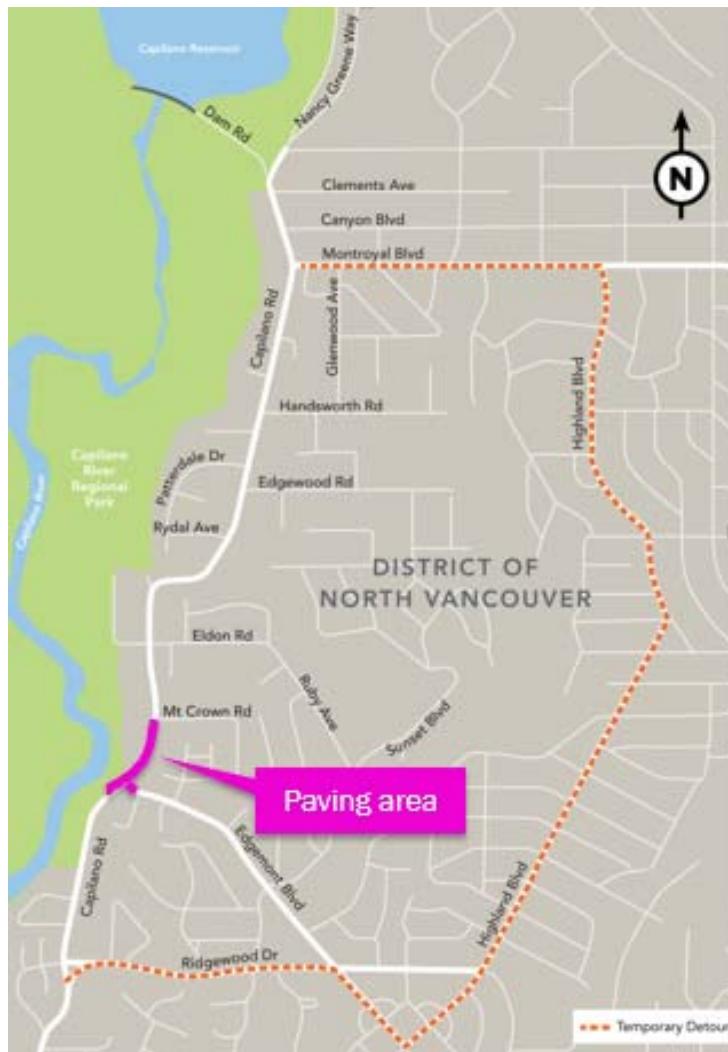
- we are currently 95% complete
- we are currently completing Capilano Main No. 5 South (just south of Edgemont Blvd) which will be in service at the start of May



- the external structural support for the form work has been done and now the internal forms will be installed before the concrete wall is poured – the concrete pour took place earlier today, April 26
- the contractor did not fully anticipate the complexity of this project and it has taken them a little longer to complete the installation of the re-bar cages and the inside forms

d. Upcoming Work

- the concrete pour of the chamber roof will take place at the end of May
- backfilling around the chamber is scheduled for mid-June
- the work remaining inside the chamber includes installing steel platforms and the electrical connections
- the paving and restoration work area can be seen in the following map



- paving will cover:
 - Capilano Road from Mt. Crown Road to just south of Edgemont Boulevard
 - Edgemont Boulevard, immediately east of Capilano Road
- as per the earlier arrangements with DNV, we will be upgrading the road with a proper crown which will improve drainage; the work will take approximately 3 weeks as we have to remove the existing pavement prior to reconstructing the road bed
- to allow traffic to pass through, crews will work one side at a time; only one lane of traffic will be accommodated during work hours however, transit buses will be accommodated on both directions; local traffic will also be accommodated
- work will take place during regular work hours, except for one overnight work for final lift; regular work hours as per the permitted variance will be 7am to 8pm, Mondays to Saturdays

- line markings will include the centerline along Capilano Road and delineation for bike lanes; 2-way traffic along Capilano Road will be accommodated during this time
- crews plan to do the line markings immediately after paving and expect to complete this work in one night

Discussion

Will work continue to take place after June 19th?

[MV] Yes but the work will be inside the chamber and won't affect traffic.

Has this work taken longer than you originally anticipated? On a few occasions, I have been quite stuck on Capilano Road in heavy traffic.

[MV] When the existing pipe was cut to put in an elbow by Metro Vancouver crews, the work did not go as well as we had planned. This resulted in needing to take some safety precautions which in turn impacted traffic. This situation was brought under control.

This was also exacerbated by some cement trucks for the Grosvenor project.

Was the weather the main cause for the delay?

[MV] The contractor needed to bring in a new estimator due to a health issue with the original one and this resulted in a new work plan. The contractor did alleviate the issues somewhat with longer hours within the noise by-law variance. This means that our original estimate of the road opening of June 13 was extended to June 19.

Is there any other concern that might lead to further delays?

[MV] It is always possible that weather could cause some short delays but other than that we think that everything is known at this time and are not anticipating any surprises.

Will the intersection at Capilano and Edgemont be open then?

[MV] Yes and then there will be some restoration following that.

What happened re the planned 24/7 work you had discussed at the last CMAC meeting that you changed to the two long shifts?

[MV] The neighbourhood was quite pleased that this was changed. We recognized that the impact of 24/7 hour work would have been very high. We also knew that the result of not doing this would be traffic impacts but in the end we felt this was the best compromise.

[DNV] We have quite a bit of work that needs to happen on Ridgewood that needs to be completed before school starts in Fall so we are quite concerned that this project finishes as soon as possible. Overall we are satisfied that this was the best solution.

e. Public Involvement

- we delivered 500 newsletters to notify community of the tie-in connections and their associated traffic impacts
- we also posted an update on the project webpage and emailed this information to the project database

- CLO met with a number of people to discuss the work and answer questions; these included:
 - Grouse Mountain Resorts
 - Capilano Suspension Bridge
 - residents near the tie-in locations
- the shuttle service was terminated as of April 1, 2017 due to low ridership; we posted signs inside shuttle 2 weeks before termination advising those still using this service about the planned termination
- our upcoming outreach will be a notification in late-May – this will include:
 - paving activities
 - project completion
 - restoration
- we are also discussing some way of acknowledging the community for their patience in accommodating all the construction impacts; possibly we might integrate something with the Coho Walk; if CMAC has any ideas, we would be open to considering that

Discussion

It would be good if Metro Vancouver and, or the District does have some idea of what the future plans are regarding changes to the water infrastructure so that the community has an understanding of this. People are generally accepting of things if they have been informed and less so if they feel that there is a hidden agenda.

[MV] We meet with DNV Engineering staff and discuss what we both have planned and how we can best work together. Also, every year we update our 10 year long range plan and this gets submitted to DNV so that they are aware of the projects that are coming. For instance, we have already spoken to CMAC about Seymour Main No. 5 and the Lynn Valley Main and the postponement that we have agreed to due to the level of construction impact residents in that area have experienced and are still experiencing with the many projects in that area. We also need to consider the highway projects and try not to overlap on those.

It might be worthwhile to ensure your messaging to the community includes the type of coordination that Metro has with DNV. I imagine that a lot of people don't understand this cooperation.

[MV] Once a year we are invited by the District along with utility and development companies to discuss all the various projects.

It is also important when you do go back to the community to thank them for their patience that you include an acknowledgement that there have been impacts and what efforts you have gone through, for instance working with the District and CMAC, to attempt to avoid, minimize and mitigate those impacts.

At our next meeting, I would like to look back from the beginning, including the improvements that have taken place in the community and the cost sharing between DNV and Metro – signals, bike lanes, sidewalks, improved Capilano road, etc.

Everything has been documented from the very start of CMAC and this record would be worthwhile looking at.

NEXT MEETING

Wednesday, July 5, 2017, 4:30 pm to 7 pm

NOTE – the next CMAC meeting will be our final meeting. We will start with a tour and finish with a meeting

- 4:30 pm – Meet at Cleveland Dam parking lot, Capilano River Regional Park
- 4:45 to 5:15 pm – Tour of the underground valve chamber
- 5:15 to 5:30 pm – Travel to DNV Municipal Hall
- 5:30 to 7:00 pm – CMAC meeting - Committee Room