



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

**INFRASTRUCTURE COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON THURSDAY, SEPTEMBER 24, 2020 at 7:00 PM
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY
AND ELECTRONICALLY VIA ZOOM**

MINUTES

1. Call to Order

The meeting was called to order at 7:08 pm

2. Appointment of Recorder

Norm Barmeier offered and was appointed by the Chair as Recorder for the meeting.

3. Approval of the Agenda

Moved/Seconded

THAT

- (1) Item 7D be considered before Item 7A; and
- (2) the agenda be approved, as amended.

CARRIED

4. Public Questions & Comments

None

5. Approval of Minutes

A. Infrastructure Committee Meeting – June 18, 2020

The following amendments were identified:

- (1) Item 7... Brian's comment regarding communication with resident neighbour to be added in EV charger section.

Moved/Seconded

THAT the minutes of the June 18, 2020 Infrastructure Committee meeting be approved, as amended.

CARRIED

6. Business Arising from the Minutes

- AECOM SCADA report was not sent out, and no contact with Victor yet.

Question asked if Nai heard back from Vancouver coastal health regarding their water/corrosion study. Answer: It's on their to do list, but in light of the Pandemic there will no doubt be a significant delay. The order of the agenda was revised to consider item 7D next.

7. Unfinished Business

7D Communications Tower – Verbal Discussion

- Calling it a comms tower versus a cell tower so as not to bias the direction of the goals for the tower.
- What was the purpose: to ensure connectivity with infrastructure and to facilitate UBC hydrology study
- Define purpose and needs, find tech solution.
- Will a cell tower improve cell service in the Village? Yes.
- Needs: municipalities need to connect with infrastructure. Search and rescue. Karl sent out email with 8 needs.
- Norm is 5G worth exploring? Is 5G a thing that is coming? 5G uses different infrastructure from normal big cell towers.
- Discussion ensued on an antenna at Wade Park that might be a 5G antenna; it's not private it's on BC Hydro pole
- Telus could do 5G network throughout the village? But can 5G help with other needs, such as infrastructure comms and UBCM hydrology equipment.
- Neville reminded that Victor could come to council to educate council with fresh information.
- Tony raised the question of whether communications are needed or if there is a fundamental disconnect between IC and council votes on this. Do we as a bunch of egg heads agree that communications improvement is needed?
- Communications improvement is needed, all agreed. Now chew over options on how to best do that, make a recommendation to council.
- How to get stakeholder engagement and also re-package the solution in a way that meets all the community needs.
- The main objections to the tower were aesthetic and health concerns.
- 8 needs: retail value of the tower was our contribution to UBC study; we have an MOU with them in a contribution agreement; cell reception is unknown (SBA suggests all providers want the space).
- UBC study will have implications beyond the Village, will the Province kick in? Ron doesn't think anyone will pitch in. This study is for long term water security for the Village. Need to identify using Karl's 8 points as to why we need it.
- Nai suggested we look at other options, Victor can present options.
- Tony suggested we need to understand what the community objections are and how to address them.
- Neville noted all the objections are public, there are more than just aesthetic or health. Committee has access to all the public objections online.

- Karl had not thought the tower was going to be a 60m tower either. Examples are Gleneagle tower, which is much shorter. Another one is west van that can do radio and infrastructure comms. Karl does not like 60m tower; there are so many other options. Key is to recognize UBCM study long term, both funding a base for mesh network.
- What are other options are there to improve internet?
- Radio tower, where is it and how tall.
- All in agreement that Victor Wong should make a presentation to the committee
- Fred: questions we need to answer is: PRVs cell or hardwire, 5G, other? Need to focus on establishing our needs...or user requirement specs.
- Nai: Victor will be at next meeting in October if he's available.

7A. Kelvin Grove WWTP – Verbal Update

- Comms issues, Gear issues, galvanizing delayed, still running on temporary, plant has been seeded with KG bacteria.
- Mid to late October is should all be wrapped up.
- How is SCADA connected to works plant? Will be an internet connection; wired. Standard ethernet. Is SCADA full featured? Will you get motor loads? Yes, motor temps, generator temps.
- Is there a turbidity meter on effluent stream? No.

7B. 3 PRV Project – Verbal Update

- Contract awarded to Industria, 28K cheaper. \$735K total contract price. Hydro and scada in addition to this. Contract ready for signing. Notice to proceed will be issued next week. PRV manufacturer has already been notified for shop drawings. Mobilization is dependent on PRV manufacture.
- How much was left over after Harvey tank? Not at fingertips (was in a Council meeting). Is there room for other projects? No.
- Public works project should be sign boarded - Keeps the public aware – to be provided in due course.
- Anticipated completion before end of year.
- Are the kiosks wrapped? Aluminum kiosks no wrap décor selected.
- Do they emit sound? No

7C. 2020 Road Paving – Verbal Update

- BA Blacktop will be engaged to do a lot of roadwork this year 2020. Tentative schedule is week of Oct 5, Upper Bayview and Tidewater way.
- Bayview at around 500 sees an 18" dip in the road which needs attention? Fines have been washed away, water main is a 1968 asbestos cement water main. PW will be extremely careful when repairing that area. BA is going to tear off all pavement, renew gravel base and re-top. Discussion ensued over fines erosion.
- Water main is not OK. Repaving will happen first and when the funds are available the watermain will be replaced and road re-repaired.

- Neville wondered if geotextile can be used to handle fines erosion. Nai will look into it.
- Snow plows are having issue on Bayview, plow blades catching alligatored pavement.
- Snow plows are also having issues on Oceanview, dips can't be cleared.

7E. EV Charger (Page 5)

- If grant obtained, there's still opportunity to negotiate technical terms and location (eg: maybe store would be better)
 - CAO DeJong noted most grants require the infrastructure to be on land owned by the local gov't, but that can be checked since this grant is open to private businesses too. Will also need to consider whether that location would amount to "assistance to a business", which the Community Charter prohibits.
- Norm noted can get 5 years of service agreement covered by grant
- Price of 50-60 kw charging equipment is coming down
- Charging Rates:
 - Most places in Metro are now charging \$0.27/minute (~\$16/hr)
 - You can now charge per kwh if you have a "revenue grade charger"
 - People now used to paying for charging
 - Still trying to work through BC Hydro "demand charges"

8. New Business

A. Preliminary Oceanview Drainage Improvement

- ISL has gone out and done drawings. PW has not had a chance to look at the ISL drawing. PW would like the IC to look at the drawing and give feedback to PW.
- Karl comments: there are no driveway connections? Did they use GIS data. Looks competent, not fantastic. Cost is \$730K.
- Neville questioned the size of the culverts – seems like overkill – may need to consider more practical solution even if it holds higher risk. What are the safety factors. – 1 in 10 year storm design is standard for municipalities.
- Oceanview drainage was/is an issue because of suspicion of slumping, black pipe and re-direction into Rundle, all of which triggered the ISL study. PW has a list a list of other roads that need drainage dealt with before Oceanview. Fred recalls a sinkhole forming at Panorama and Oceanview. PW feels it's been remediated but doesn't mean it won't happen again. Drawing says Pandora instead of Panorama.

B. Upper Bayview, Bayview Place, Centre Road – Design RFP

- Redesign of water main from upper Bayview to Bayview Place/Road to end of Bayview Place down to Centre Road then to Crosscreek Road.
- Those watermains were installed in 1965, upper Bayview is asbestos cement, formation of encrustation has stifled flow.

- Council has approved a 90K budget to do the design. Will be looking at watermain, roadway, and drainage. Project will be the next big grant project. Design will be done for next grant opportunity.
- Bayview DWI Project has already been submitted.

General discussion:

- Water tank 1 year walkthrough will be happening soon
- Tony asked about sludge removal at WWTP - Nai advised laterals were installed.

9. Public Questions & Comments

None

10. Next Meeting: October 22, 2020

11. Adjournment

Moved/Seconded

THAT the September 24, 2020 Infrastructure Committee meeting be adjourned

Meeting Adjourned at 8:53 pm