



INTELLIGENT CITY ADVISORY COMMITTEE

September 21, 2018 – 9:00 a.m.
City Hall, Council Chamber Meeting Room

MINUTES

MEMBERS PRESENT:

Councillor Bill Harper	- Co-Chair, City Council
Gerry Akkerman	- TransLink (by telephone)
Brigid Canil	- Ministry of Transportation
Ron Cann	- Community Member
Michael Hrybyk	- Co-Chair
Reg Nordman	- Business Community Member
Wendy Parry	- Douglas College Representative

MEMBER REGRETS:

Councillor Mary Trentadue	- Council Representative
Maryam Naser	- New Westminster School District 40 Representative
Paul Romein	- Local Business Community Representative
William Laycraft	- Community Member

GUESTS:

Martino Tran	- UBC Urban Predictive Analytics Lab
Geoff Watson	- Turnbull Construction Project Managers

STAFF:

Rupinder Basi	- Senior Development Planner
Rod Carle	- General Manager, Electrical Utility
Alvin Chok	- Chief Information Officer
Dean Gibson	- Director, Parks & Recreation
Steven Faltas	- Business Process Manager, Electrical Utility
Blair Fryer	- Manager, Communications and Economic Development
Patricia Jecks	- Intelligent City Project Manager
Phil Kotyk	- Fibre Networks Operations Manager
Jim Lowrie	- Director of Engineering Services
Heather Corbett	- Committee Clerk

The meeting was called to order at 9:04 a.m.

1.0 ADDITIONS / DELETIONS TO AGENDA

There were no additions or deletions.

2.0 ADOPTION OF MINUTES

2.1 Adoption of the Minutes of June 21, 2018

MOVED and SECONDED

THAT the minutes of the June 21, 2018 Intelligent City Advisory Committee meeting be adopted.

CARRIED.

All members of the Committee present voted in favour of the motion.

3.0 PRESENTATIONS

3.1 Community Intelligence Dashboard - Martino Tran, UBC Urban Predictive Analytics Lab

Martino Tran, UBC Urban Predictive Analytics Lab (UPAL), provided a PowerPoint presentation to the Committee about a potential project that could benefit the City, entitled the “Community Intelligence Dashboard”. Mr. Tran discussed the following information:

- Objectives and areas of expertise of the UBC Urban Predictive Analytics Lab, including leveraging expertise to tackle issues such as citizen empowerment, economic inclusiveness and social connection;
- Examples of past projects in which data analysis and real-time intelligence was used to tackle challenges, such as projects in partnership with Parks Canada and City of Surrey; and,
- The goal of creating a Dashboard for real-time management about mobility, activity and behaviour, involving the City’s open data.

Mr. Tran provided the following information in response to questions from the Committee:

- The UPAL has been involved in several projects whereby cities have analyzed data for practical purposes and to provide intelligence, including:
 - Surrey developing a safety corridor for the purposes of the Smart Cities Challenge;
 - Seattle using Orca card data to improve transit scheduling and overall ridership;
 - Other challenges around housing, homelessness, and air pollution;
- New Westminster would be the first city to be involved in the proposed Dashboard project,
- The context and objectives of the Dashboard would be defined by UPAL in conjunction with the City;

- The topics could include community health, economic development, quality of life, social determinants of health, or others; and,
- There would be some costs involved, which would be defined at a later date, however grant funding may be a possibility.

Upon discussion, the Committee made the following comments:

- TransLink could be a potential supporter of the proposed Dashboard and an enabler through both its data and transportation intelligence platform;
- The Ministry of Transportation and Infrastructure is currently tracking bridge crossings and congestion, and this data could also be made available for the Dashboard;
- The Port Authority is doing similar data collection work on goods movement, which could also be used; and,
- The City could benefit from this opportunity to leverage several initiatives and to work with a high-end research institution on an applied research project.

MOVED and SECONDED

THAT the Intelligent City Advisory Committee recommend to Council that City staff begin a dialogue with Martino Tran and the UBC Urban Predictive Analytics Lab about the feasibility of starting a pilot Community Intelligence Portal project in conjunction with the City.

CARRIED

All members of the Committee present voted in favour of the motion.

3.2. New Westminster Aquatic and Community Centre and Intelligent New West

Dean Gibson, Director of Parks and Recreation, and Geoff Watson, Turnbull Construction Project Managers, provided a PowerPoint presentation in regards to the proposed New Westminster Aquatic and Community Centre, noting that they were interested in feedback and suggestions about the project from the Committee. The presentation included the following information:

- Background and scope of the project, including details on the feasibility study and public engagement process that was conducted to identify the requirements and type of facility that would be appropriate for the City;
- The level of investment that would be required to serve the project objectives and City priorities, including both environmental and social sustainability; and,
- Next steps in the project.

Upon discussion, the Committee made the following comments:

- Consider more than adequate provisions for IT, networking and exercise technology, including the following elements:
 - Sufficient conduit;
 - WiFi, Fibre;
 - Intelligent building elements, ie thermostats;
 - Intelligent meeting room technology;
 - Network outlets as well as power outlets;
 - Backup power and potential for solar panels;
- It would be important to ensure the building is a technology-enabled building from the outset, as it is intended to endure for years to come in an increasingly technologically advanced society;
- Ensure that the community has input into the types, sizes and resources available within the bookable, shareable spaces that would be available; and,
- There would likely be a plethora of applications that will be available in the coming years in terms of exercising, scheduling, and health, therefore ensure that the City is prepared to be able to implement these.

Mr. Gibson noted that there would be future opportunity to return to the ICAC for further consultation and discussion on the Aquatic and Community Centre.

4.0 REPORTS AND INFORMATION

4.1. Working Team Updates

(a) Innovation

Reg Nordman, Business Community Member, updated the Committee noting that the Innovation Working Group had not met recently, however he had been reminded about how it was a great resource for information on a wide range of topics. Mr. Nordman gave the example of how he had asked the sub-group for information on the topic of drones, and within three days he had received a schema for making decisions for drone use.

(b) Marketing & Advocacy

Blair Fryer, Manager, Communications and Economic Development, updated the Committee regarding the Marketing & Advocacy Working Group's key initiatives, noting the following:

- There has been recent discussion, in conjunction with the Intelligent New Westminster (INW) Strategic Plan, to look specifically at tailoring BridgeNet HUB content as a way to draw community attention to the City's facilities; and,

- The City has recently hired Community Connectors staff to work in improving public engagement, who can be leveraged as a resource for INW work. These are primarily university-level staff who have been trained to attend City events and distribute high level information, including a “Did you know?” story line, which would include facts and figures about the City.

(c) Inclusion

Wendy Parry, Douglas College, updated the Committee regarding the Inclusion Working Group’s key initiatives, noting the following:

- The Working Group last met in the Spring and heard from the New Westminster Literacy Coalition; and,
- The Group is still working on a pilot project to ensure inclusion is at the forefront of the ICAC’s work.

The Committee noted that inclusion is often one of the hardest areas to be tackled, and that it could be looked at as a lens to view projects with.

(d) Knowledge Workforce

Patricia Jecks, Intelligent City Project Coordinator, updated the Committee regarding the Knowledge Workforce Working Group’s key initiatives, noting the following:

- The Working Group have not met since before the summer;
- A recent MOU with SD40 was passed at the School District meeting on September 13, which puts the City and the School District in a position to collaborate more in terms of digital programs;
- The first project would likely be to leverage the learning lab at the New Media Gallery to educate Principals and Vice-Presidents within the School District on the technology that is available at the lab for students to use, as well as to encourage schools to use NMG more; and,
- Maureen McRae-Stanger is the new SD40 contact who will be collaborating with the City and will sit on the ICAC.

The committee noted the following comments:

- It would be very positive for SD40 to get hooked up to BridgeNet, which would likely involve lobbying the Ministry for support; and,
- Staff at SD40 has changed significantly, so it could be a good opportunity to speak to SD40 about BridgeNet and try to convince the new Superintendent and Secretary/Treasurer.

(e) **Infrastructure – Brigid Canil**

Alvin Chok, Chief Information Officer, updated the Committee regarding the Infrastructure Working Group's key initiatives, noting the following:

- Recent connections to BridgeNet include:
 - Five business premises;
 - Eight MDUs;
 - Douglas College offices within the Anvil Centre;
 - Urban Networks, which is a servicing gaming company;
 - Land Title Office
 - Aritzia warehouse in Queensborough;
 - 328 Clarkson Street;
- A future connection could include Acorius, which is within the Pen Building.

The committee noted the following comments:

- It would be helpful to see communications go out from the City about these connections;
- In terms of residential connections, it is difficult when buildings are over 20 years old;
- There may be an opportunity to highlight the benefit of BridgeNet to stratas, particularly when new buildings go up;
- In future, installing BridgeNet could be a condition included on the works and services agreements adopted at final adoption, but this could also depend on the developer; and,
- A Fibre Connection Bylaw could be a strong tool.

It was agreed to discuss BridgeNet connection for residential buildings at the ICAC Management committee, with the aim of eventually taking it to Council.

Mr. Chok also discussed the positive results of a recent meeting with Minister Jeannie Sims, and Susan Sandford, Assistant Deputy Minister, on the City's plans for BridgeNet and the open access attitude of the City.

5.0 UNFINISHED BUSINESS

Procedural Note: Item 5.1 was addressed following Item 3.2

5.1. Intelligent New West Strategic Plan

Patricia Jecks, Intelligent City Program Manager, informed the Committee that the draft Intelligent New West strategic plan was endorsed at the September 17, 2018 Council meeting, where it had received positive feedback from Council.

Ms. Jecks noted that the plan would now move forward into the implementation planning and stakeholder engagement phase.

Councillor Harper thanked the committee and staff for their involvement in the strategic plan.

The Committee made the following comments:

- The Strategic Plan focuses on actions and objectives and is a starting point for prioritizing the City's future economic development, IT, and infrastructure integration; and,
- The next steps are to look at the actions and priorities and work towards the budget cycle and resourcing.

The Committee was asked to look at the proposed activities and make suggestions on their prioritization so that three or four items could be put forward for the 2019 budget cycle.

6.0 NEW BUSINESS

6.1. Innovation Week – Technology Forum

Alvin Chok, Chief Information Officer, provided the Committee with some information about Innovation Week and a Technology Forum taking place within the week's activities, in order to highlight technology. This would take place on the Monday or Tuesday of Innovation Week, and the proposed plan would be to highlight the work of the ICAC and include some of the following activities:

- A speaker on Smart Cities;
- A panel on municipal fibre networks;
- Sessions on new technology, such as AI, and robotics; and,
- Highlight work being done on Apps in conjunction with BCIT.

It was suggested to change the name of the "Hackathon" to "Apps for the City".

6.2. Committee Recruitment Reminder

Heather Corbett, Committee Clerk, reminded the committee to submit their applications for the next term, and advised that appointments would be forthcoming in January 2019.

Councillor Harper was thanked for his involvement and considerable contribution to moving the ICAC forward.

Councillor Harper thanked the Committee members for their support of the Committee's work, and noted that it would be important to have a similar setup for the Chair structure going forward, with one Chair who is tech savvy and another who is politically savvy.

7.0 NEXT MEETING

December 14, 2018, at 9:00 a.m. in Chamber Meeting Room, City Hall.

8.0 ADJOURNMENT

ON MOTION, the meeting was adjourned at 11:06 a.m.

Certified correct,

ORIGINAL SIGNED
Councillor Bill Harper
Co-Chair

ORIGINAL SIGNED
Michael Hrybyk
Co-Chair

ORIGINAL SIGNED
Heather Corbett
Committee Clerk