

**MINUTES
CITY OF FORT COLLINS
FUTURES COMMITTEE MEETING**

Date: November 9, 2020

Location: Zoom Webinar

Time: 4:00-6:00pm

Committee Members Present:

Mayor Wade Troxell

Emily Gorgol

Julie Pignataro

City Staff:

Jackie Kozak-Thiel, (Staff Liaison)

Presenter:

Colman Keane, Executive Director Broadband, City of Fort Collins

Kevin Wilkins, Chief Information Officer, City of Fort Collins

Additional Staff present:

Chad Crager, Broadband

Dean Klingner, PDT

Debra Mossburgh, Human Resources

Ginny Sawyer, Broadband

Christine Arnott, FCMoves

Carrie Daggett, City Attorney's Office

Doreen Kemp, Human Resources

Teresa Roche, Human Resources

Keli DiMartino, City Manager's Office

Tyler Marr, City Manager's Office

Nina Bodenhamer, CityGive

Greg Yeager, Police Services

Community members:

Kevin Jones, FC Chamber

Meeting called to order at 4:02 pm

Approval of Minutes:

Julie Pignataro moved to approve October 12 minutes. Emily Gorgol seconded. Motion passed unanimously. 3-0-0.

Chairman Comments: None

Summary

- Building infrastructure for Connexion is the first step to leveraging our City as a Platform and becoming a smart city

- Moving beyond infrastructure there are guiding principles to ensure that we are moving forward in a meaningful way
- Bridging the digital equity divide is crucial to deploying a Smart City
- There is a need for transformational leadership
- To get the most out of Connexion, there is a need for innovation and to create and maintain durable partnerships
- In developing the City as a Platform, the City has a role in:
 - Building a platform
 - Protecting the platform leading with cybersecurity
 - Leading with equity
- The City plays a role in enabling and convening opportunities for community engagement, companies and non-profits to work in this space
- Various examples were shared of different applications that were used to support resident and community goals in specific ways
- How we use Connexion will affect the future of who we attract to our community including businesses and people
- There is a polarity between being connected and sharing information through technology and local, human information that will continue to need to be considered moving forward
 - Consider ethical implications of data collection and sharing

Think Tank Item 7-2020: Future of Leveraging Our Platform of Connexion

Colman begins the presentation

- In all the communities that Colman has worked with on building networks he is always excited about the “what comes next” after infrastructure is built.
- Commitment to Community is what drew Colman to Fort Collins.
- City has taken a citizen-centered approach to deploying connected networks. Key things when taking a citizen-centered approach include:
 - Collaborative Innovation
 - Citizen-centered outcome is better when there is focus on public private partnerships and durable partnerships that lead to a transformational approach to what comes next
 - Key partners include CSU, an engaged technical community and engaged public
 - There are other partners that can be leveraged
 - Hyper-connected
- What does a transformational approach to deploying a smart city and Connexion look like?
 - Finding durable partners who add value to the community who can also engage with the public
- There is need for a framework that allows people to “plug and play” with the system
 - Consider how to make it easy for members of the community to engage, create information and get information
 - Simplify approach is key to get the most value out of Connexion
- Discusses parking sensing data as an example of data that can be integrated
 - It is point-solution data that typically isn’t scalable across the whole organization
 - If data available for other departments there is a multiplier effect

- Layered approach allows for most value out of Connexion
 - First layer is the core infrastructure allows everyone with same level of service
 - Second layer is creating a platform that allows access to information
 - Third layer is creating those partnerships that allow for multiplier effect
- What does the Future look like to make sure all of this information is available?
 - High performance network to collect data in meaningful way
 - Next, consider where to collect information and process information
 - Value platform is modeling data and do analytics
 - Make information readily consumable by end user
- Colman discusses the network as it has been built so far
- Kevin begins by discussing how we need unified values and at the center of those values there needs to be digital inclusion and equity
- Guiding principles include:
 - Unified City Vision
 - People and Teams
 - City as a Platform
 - Community Engagement
- For each of these principles we need to know that we are adding value and measuring it
- It is important to lead with privacy and security when thinking about digital equity
- Cannot deploy a smart city without bridging the digital divide.
- Bridging the digital divide requires actions in the following areas:
 - Addressing social issues and equity
 - Awareness and adoption of programs
 - Monetary policies that focus on equity-based solutions
 - Incorporate digital services and tools
- As we move forward, it is important to consider the different Cyber Security challenges that we will face. Areas include:
 - Complex and massive attack area
 - As we integrate more data and expose more systems are highly interconnected
 - Planning and Governance
 - Decentralized response and budget restrictions can limit us
 - Systems and processes
 - Standard open platforms will allow us to easily manage and monitor data
 - People
 - For the majority cyberattacks will try to target people
- 6 areas for Cyber-Security threats:
 - Privacy and identity theft
 - Device hacking
 - Denial of service
 - Ransomware
 - Man in the Middle
 - Social engineering
- To protect ourselves we must simplify, leverage information and modernize our platforms over time
- Future recommendations include:

- Formalize information security practices
- Implement data and device certification programs
- Evaluate all of our legacy applications as we develop a smart city roadmap
 - Leverage key pieces of ecosystem
- Align teams and resources
- Expand community engagement
- City-wide monetary and asset management plan to maintain currency

Comments/Q&A:

- Question about how City as a Platform and our digital future be leveraged for innovation in the community? can be utilized for Innovation
 - Coleman mentions that for innovation it will be important to leverage partnerships and that is where the magic happens
 - City is an enabler and a convener to help companies and non-profits to move their thoughts and ideas forward
 - Ability to bring resources to the table to help companies and non-profits will allow for innovation
- Councilmember Gorgol mentions how San Francisco has created an app that matches people who are looking for affordable housing in your neighborhood with available homes
 - This is an example of using technology to support residents
- Councilmember Pignataro shares that this is a fun topic because it is cool to see where we can go as a City after Connexion is built out and it is hard because we are still waiting for infrastructure
 - At the Council-level have discussed some of the challenges from an equity perspective
- Question about Artificial Intelligence (AI) and where to draw the line on how much the City will interfere in people's lives?
- Kevin shares that AI is not just technology. It is also about policies and philosophy. If the City leads with the privacy and security as being paramount than AI can be very beneficial.
- As we think about monitoring and different services across the City, we will need to make sure we have the right safeguards in place. More important than technology is having the right policy in place
- Question about open data and how that plays in to enabling innovation within our community and how it allows for integration of services
 - Open data is accessible to anyone and as we build the Smart City model, more and more data will be available to residents and businesses and will also be integrated
 - The question will be about what level of information should be shared that will be valuable to community members
 - Innovation will be about application, services, and data
 - City would like to partner with other Cities to learn about how they use open data
- Some discussion about the Wasteshed and what it means to have a circular economy and what to do with the information
- Discussion of what it means to be Gig City and what a Gig City looks like

- Jackie asks how we can leverage AI to deepen our humanity and what is the right place for indigenous wisdom and what is the place for digital orientation?
 - Colman shares that he believes that Fort Collins has the best of both worlds and that having a balance is key.
 - Kevin shares that the optimal use of technology is when we don't really notice it
 - It continues to be important to think about how to incorporate technology in a meaningful way and to leverage CS and other key partnerships
 - Question sets up polarity—question of what is the goal of Connexion?

Bloomberg updates from the Mayor

- City is participating in the “What Works Cities” a Bloomberg Philanthropies project related to equity and finance
- Mayor Troxell will be participating in a Bloomberg-Harvard city leadership meeting and will share the summary with Council

Additional Discussion: *None*

Meeting adjourned by Mayor Troxell at 5:50pm