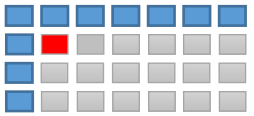
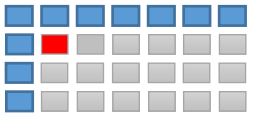


Serving the 95% ⟶ 100%

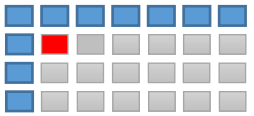
Vision for Cellular/Cable Broadband/Cellular Broadband



Austin must have world-class communication infrastructure to enable Austin to:

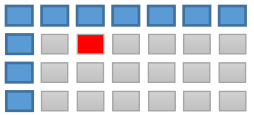
- Remain one of the world-wide centers for technological innovation (corporate and academic)
- Continue as one of the leading centers for academic learning and training
- Drive greater integration of all citizens within Austin through electronic interconnectivity
- Provide more choices in the work environment (in-office and in-home) to serve as one additional tool in solving Mobility issues

Mission for Cellular/Cable Broadband/Cellular Broadband



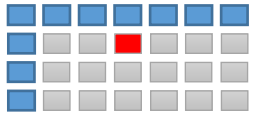
- Enable City of Austin to retain its position as a technological hub in US and the world
  - Quality of city <=> Quality of jobs / opportunities <=> Quality of people
- Provide fast communication which is one of the benchmarks / requirements for success for cities
  - This is critical for Austin to remain as one of the key technological hubs world-wide
  - This includes Cellular, Cellular Broadband, Cable Broadband
- Ensure equitable distribution of communication channels is essential to mitigate the digital divide that exists in the city
  - Basic level of service for 100% of the city (define basic level for 2020 / 2025 / 2030 / …)
- Enable citizens to exploit virtual offices through tele-commuting. (Quality of communication infrastructure needs to be best in class)
  - This can serve as a tool to mitigate transportation bottlenecks in the city
- Enable CoA to efficiently communicate with majority of citizens through electronic connectivity

Objectives / Goals for Cellular/Cable Broadband/Cellular Broadband



- City of Austin should be one of the top 3 cities hosting technology based companies
- City of Austin should have 100% broadband coverage with an average speed of 15 Mbps by 2018
  - Is this for upload or download since the rates are different, at least with TWC?
  - This may be too low for an average speed for download but may be fine for upload
- Everybody within the city limit should have a 10Mbps access.
  - Again, the same questions as above.
  - How is this different and why from above main bullet?
  - Basic Service level of communication available to city employees should be available to all citizens.
- At least 50% (this may be too high, at least for the present) of the city employees should be telecommuting at least 2 days a week with no disruption in city services
- COA should be able to communicate with 75% of its citizen through text and internet channels through a single citizen identity by 2020 (why not 2018?).

Multi-Year Roadmap for Connectivity in Austin



- **2016: Start** a WG (with commission members and city staff) to:
  - **Determine** current state of cellular and high-speed interconnect and their distribution throughout CoA :
    Possible date: 06/2016
  - **Benchmark** against other cities around the world, e.g., Portland, Boston, San Francisco, Singapore, etc.:
    Possible date: 08/2016
  - **Develop** strategy for interconnect enhancements throughout city: Possible date: 10/2016
  - **Provide** report to entire commission for presentation to City Council, etc.: Possible date: 10/2016
- **2016: Present** to CoA leaders (City Council and CoA management) on possible strategy: Possible date: 10/2016
- **2016: Review** with service providers on potential roadmap for progress**:** Possible date: 10/2016
- **2016: Communicate** with city residents and promote adoption of strategy: Possible date: 11/2016
- **Multi-year, 2017 & beyond: Monitor / measure** execution of plan to enable high-speed cellular and broadband infrastructure
  - PPP (Public Private Partnership), possibly with seed funding from city that is paid back over time
  - Consortium of Companies
  - Consortium of Agencies (not sure about this) ???
  - Federal funding, may be!
- **Multi-year, 2017 & beyond: Serve** as a catalyst to **promote** migration to latest technologies in communication in CoA