Youngstown SMART2 BUILD Project

Meeting: BUILD Team Fiber Meeting
Date: 2019-10-24

Attendance:
Refer to Sign-In Sheet

Discussion Items:
1. Introductions
2. Josh gave a project overview and description of the work to be performed
3. Reason for meeting is to discuss the city’s options for installing the fiber infrastructure along all logical areas of the project.
4. Involta is most likely the largest fiber owner in Youngstown at this time
5. Involta is in AT&T conduits in some locations
   a. Many portions of the AT&T duct banks are in poor condition and have collapsed.
   b. Currently AT&T has a large duct bank running down Phelps St.
      i. Involta has not had any luck in using these conduits as they are collapsed
   c. All conduits along Boardman, west of Phelps are collapsed
6. Involta provided a map showing both their existing locations and the project limits.
   a. City fiber also included on the map
7. Involta believes one mistake that a city can make is to try to become an internet service provider.
   a. Most cities do not have the technical staff to do this
8. Hot spots for fiber installation would be Commerce / Belmont / Phelps
   a. These are the areas that would most likely attract new customers
   b. Rayen / Park / Fifth Ext are basically resurfacing projects and will most likely not receive fiber conduits
      i. Possibly include these streets as an “Add Alternate”
9. Involta recommends installing 4 – 4” conduits with innerducts if possible
   a. This would provide 2 conduits for the city and to conduits to sell or lease
10. Involta is very interested in partnering with the city to ensure the infrastructure gets installed.
11. Involta feels it would be easier to get fiber to more customers if there were fiber conduits on both sides of the street.
12. 2 – 4” conduits with innerducts on each side of street
   a. 1 duct for city each side
   b. 2 duct to sell or lease each side
13. Distance between pull boxes will vary depending on customer locations
   a. Determine number of multi-tenant buildings and install 1 per building
14. Involta does not require concrete encasement
15. Youngstown encases all duct banks
16. Involta prefers 3 ft depth to duct bank
17. Cost should be somewhere around $5 per ft per conduit + trench and concrete
18. End all runs at a 36 x 48 pull box
   a. No need to create additional provisions for continuation at this time
19. Involta suggests that the city install the conduits and retain ownership
   a. Believes leasing the conduits will be more beneficial in the long run
20. The city will speak with Nikki Posterli – Chief of Staff on what the process would be to partner with a fiber company.
   a. Determine if partnering is the best option for the city
   b. Should the city stall and lease?
   c. Should the city find a partner to install on their own?
   d. What money (fund) can be used to install these conduits?

   End of Minutes