

CHARLEMONT BROADBAND COMMITTEE

on Wednesday, March 6, 2019 at 6:00 pm at Tyler Memorial Library

Attending: Doug White, Bob Handsaker, Bill Tucci, and Cheryl Handsaker

Missing: Ken Hall, Mary Ellen Banks, Trevor Mackie

Meeting called to order at 6:09

1. Approval of minutes from 2/26/2019

- a. **ACTION TAKEN:** Minutes approved unanimously as amended.

2. Status of Make-Ready

- a. Grid is in progress
- b. Checks are being sent to Verizon
- c. Osmose is doing the pole survey. Verizon will have a second crew coming out Monday/ Tuesday next week. UC Synergetics will be doing the pole survey. Cheryl will post this information on the website.
- d. Reconcile with the survey company in approximately 4-6 weeks.

3. Status of NEE

- a. Design was reviewed by WG&E on the Friday call.
- b. Recommendations:
- i. Move the light in the path of the passive rack. 6-8" needed for the path of the cables.
 - ii. Fiber management cabinet - bend radius is 15-20" depending on the type of cable. Change to make sure that we build for the maximum width in case we cannot approach from the overhead.
 - iii. Show 5 cables coming in - direction is unclear at this time.
 - iv. 7' ceiling seems to be a concern.
- c. BOM will be provided for the rack but has not been provided on time but expected by next week.
- d. BTU number will be provided as a part of the BOM.
- e. HVAC is important- check on the performance of the mini split unit cooling unit - these work when it is below freezing. How could we pay for this? FX8 unit is the likely source of most of the heat from the equipment

- f. Cheryl will call general contractors who might bid on this and ask about HVAC.
- g. Next actions:
 - i. Cheryl will call HVAC and contractors re: AC/ fan
 - ii. Doug will revise the plan re: bend radius and light moving
 - iii. Bob / Cheryl will follow up with WG&E re: BOM, BTU numbers

4. Exterior site plan

- a. Reviewed by WG&E - acceptable design to bring all the cables into the same path to the new guy pole next to the town hall, but not ideal. Trevor indicate that MBI goes out to Hawley from the southwest corner.
- b. Vault location at the base of the pole on the left.
- c. Better design would allow for two separate paths.
- d. Conduit under Rt 2. Possible?
- e. Next actions:
 - i. Bob will ask about the form factor for the cables coming into the town hall.
 - ii. Bob will ask what size conduit would be needed for the five cables? Typical is 3" by DOT? What size and material? Doug will be able to figure out the cost.
 - iii. What is the order of the traffic calming vs the broadband build out? Get an estimate for the conduit as a part of the bidding.
 - iv. Broadband Committee should meet with District 1 DOT on the traffic calming. Bob should reach out to Mark Page, District 1 DOT to set up a meeting with DOT.
 - 1. What is WG&E doing about the traffic calming work?

5. Status of Distribution Network

- a. Complete final design tasks
 - i. Town hall configuration
 - 1. Traffic calming complications
 - 2. WG&E questions regard what is needed
 - 3. Explore alternatives
 - a. Request WG&E make a recommendation on the town hall?

- b. Ask them if there are changes to the design or the BOM?
 - c. Follow up with Trevor about design approaches
 - ii. Hawk Hill Rd. & Heath Stage Terrace
 - a. WG&E design
 - b. Stakes in the ground
 - c. Pole hearings
 - iii. Edge cases with Heath (IGA)
 - iv. Edge cases with Rowe (IGA)
 - v. Colrain (town interconnect)
- b. Procurement
 - i. Bid documents will be two weeks from final design and post solicitation 30 - 45 days.
 - ii. Pre-bid conference after two weeks
 - iii. Open bids
 - iv. 12 month timing on the contract pricing

6. Continue Drop Policy Discussion

- a. PPR does include both interior and exterior cost estimate
- b. Photos were sent with NID and ONT
- c. \$235 for labor and materials + ONT (~\$175)
- d. MDUs - how are these handled
 - i. 3 separate installations - 3 NIDS, 3 ONTS, 3 internal connection
- e. Mobilization costs
 - i. Hoping in practice to amortize mobilization charge.
 - ii. WG&E can do installs if they are available
- f. Consider 100% upfront vs 50% later. Encourage early adoption with our policies.
- g. Cheryl will perform Number crunching on the MDUs and non-resident landlords for optimizer.
- h. Cheryl will perform Second draft of the policies based on the WG&E numbers.

7. Status of Wired West Refunds

- a. Get a list of WW refund recipients

- b. Cheryl will follow up on who they have processed for refunds.
- 8. Status of additional funding sources**
 - a. Add a mini split to the plan
- 9. Any other business not reasonably foreseen 48 hours in advance of meeting**
 - a. Four more towns have gone out to bid

Meeting date: Weds, March 13 at 6PM

Meeting adjourned: 8pm.