

Islesboro Municipal Broadband – Conduit Specifications Summary

The summary IMB requirements for conduits are:

- Conduits can be used for any section of IMB fiber optic cable from the nearby utility service pole to the premise. The premise conduit run end can be on an exterior wall, inside a basement or utility space or at a utility post.
- Greater than 1” diameter open unobstructed space in conduits
- IMB can't coexist in conduits with CMP power cables.
- A pull line for each section of conduit
- No conduit runs greater than 500' +/- with appropriate & marked pull boxes, pedestals or posts so that the out/in transition can be secured from damage. The recommended pull box pedestal is Channell Commercial Corp #SPH920C1B1L00
- No Telephone Company pedestals anywhere in any runs as IMB has no rights to coexist, enter or pass thru. It is allowable to bypass these pedestals and utilize the majority of existing communications conduits.
- New conduits should be at least 1-1/4” of suitable material with appropriate bends where the buried to above-ground transitions occur.
- Appropriate utility pole galvanized riser pipe to protect the cable must be in place and must conform to CMP (or pole owner) standoff requirements, if applicable.
- Where the conduit runs directly into a basement or other utility area and a drip stop is present, this implies a multi-step installation of that last conduit run. 1) Notify the town that this is the case. 2) Waveguide team will leave enough exterior fiber drop cable at the last place they could pull to. 3) Subscriber contractor (at subscriber's cost and responsibility) can dig up the drip stop and continue the cable pull into the basement, etc. 4) Notify the Town that this is complete.