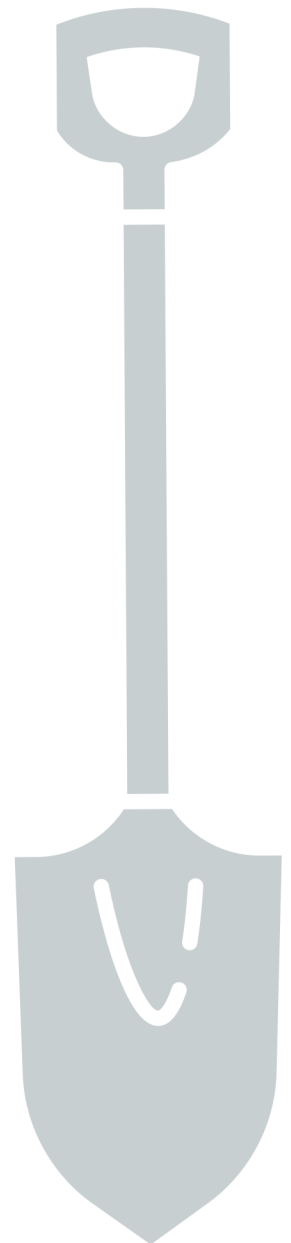




ARE YOU EXCITED FOR HIGH-SPEED INTERNET FOR YOUR NEW HOME?

It's important you talk with your general contractor so they take the steps to make your installation easy. Follow these tips now to save time and money when planning for renovation or new construction.

- We recommend you hard wire all locations in your home including the basement so they are primed for the best speeds.
- Place your data connections near an electrical outlet.
- Label your wires based on their location in your home.
- If your home is in an underground area or you wish to have underground services, use a 2" conduit with a pull string to make your home Internet ready. *See reverse for additional construction guidelines.*
- **If you have any questions or are ready to schedule installation, contact Whip City Fiber at (413) 485- 1251**



CONSTRUCTION GUIDELINES

For Overhead Services

- Poles must be no more than 170-180' apart.
- The poles should be class 4 with a minimum height of 30' allowing for a 25' vertical and 5' excavation as required by National Electric Code.
- Provide tree clearance of 8' from each side of the center line of poles and above.

PVC/Steel Rigid Conduit (stick, typical 10' sections)

- Should be no less than 1.5" ID, schedule 20/40.
- Mid-assist pull boxes every 400-600'.
- No sharp bends, gradual sweeps (elbows 12" or longer radius, 90 degree) should be used in the vertical rises. If the pathway needs to make a right angle turn, a 12-18" pull box or 24" radius bend is required.
- Pull cord should be installed.

Conduit riser lengths from grade at pole and house for all underground drops

- The location should be predetermined as suitable for future Fiber Optic NID installation and building penetration of service cable, normally in proximity of the electrical and telephone services. At premise, PVC conduits should rise from below ground tight to the premise foundation wall and extend at minimum 4' and be capped. If the NID will be located on siding that projects out from the foundation, the PVC should be flush with it.
- At pole, PVC conduit should rise a minimum 10' with 2 - C clip brackets lagged to the pole at mid and top of conduit.
- To avoid the risk of a direct traffic hit, riser should come up the pole on the back quarter or field side of the pole.
- Both ends of conduit should be capped and pull cords taped to the outside.

Customers interested in microduct installation should contact our customer service team at 413-485-1251 to schedule a consultation.



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