

Islesboro Municipal Broadband

Conduits

May 31st, 2017

Conduits Specs *Pole to Premise*

- Co-Exist in Existing Conduits OK If...
 - 1" +/- dia. open with pull line
 - No Fairpoint pedestals are in the run
- New Conduits are Needed If...
 - A Fairpoint pedestal is somewhere in the run
 - There is no open conduit or aerial
- IMB Conduit Spec Document



New Conduit Specs

- Call DigSafe!
- Begin at Premise's Power/Phone Service Pole
 - New/Existing Communications Pole Riser (Standoff?)
- 2" Sched 40 or Sched 80
 - Capped, Marked, Pull Line, Documented/Mapped
 - Break into Runs of 500ft +/-
 - Channell #SPH920C1B1L00 or equiv. pedestals
- End at Premise...
 - On Exterior Wall, Stub Post, Basement, Utility Closet,
 - Ideally Near 11v Power, Phone NID & Ethernet Wiring

Diagram 1

New Underground Conduit Installation (with exterior enclosure on structure)

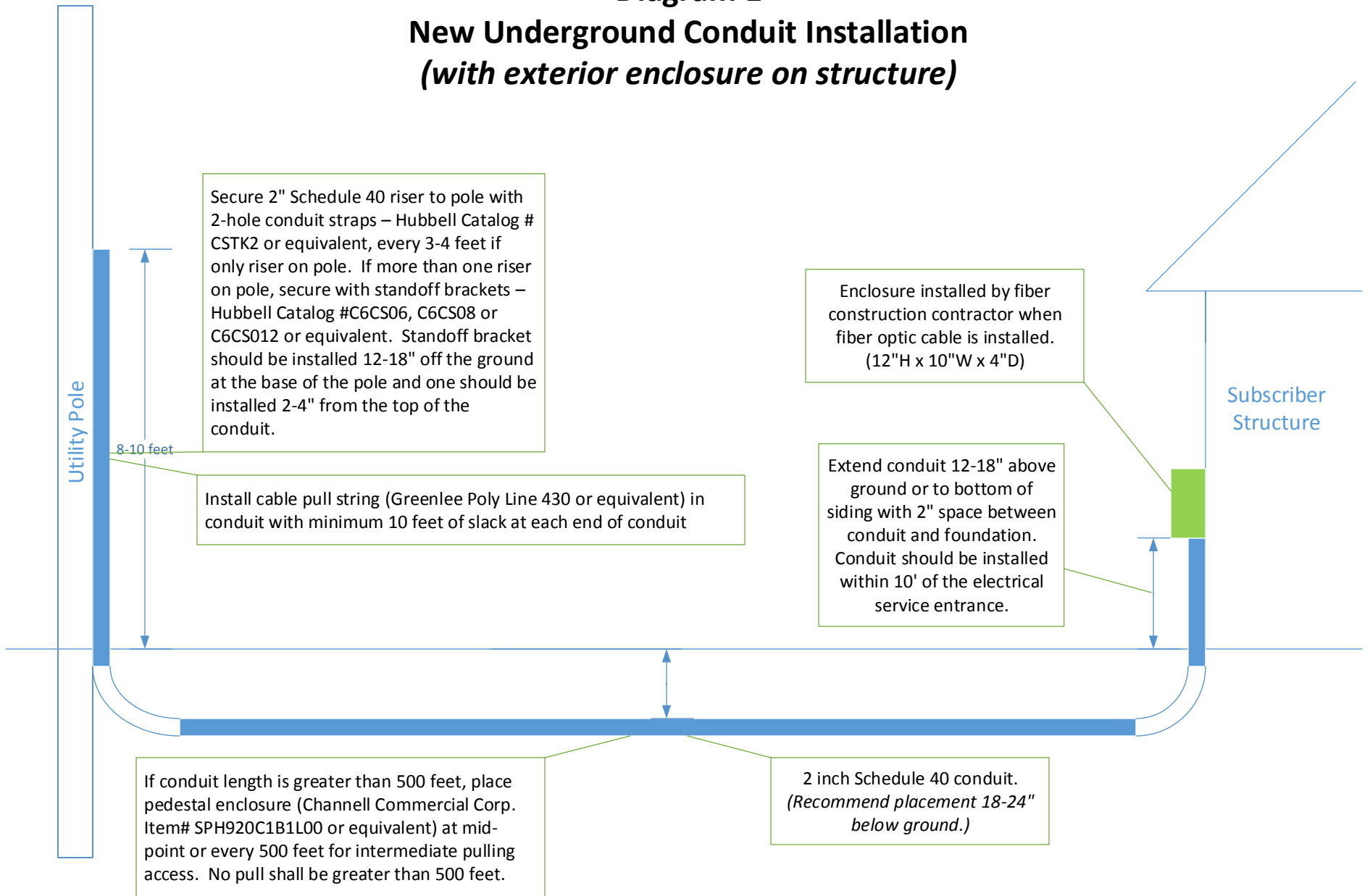


Diagram 2

New Underground Conduit Installation (with conduit penetration directly into structure)

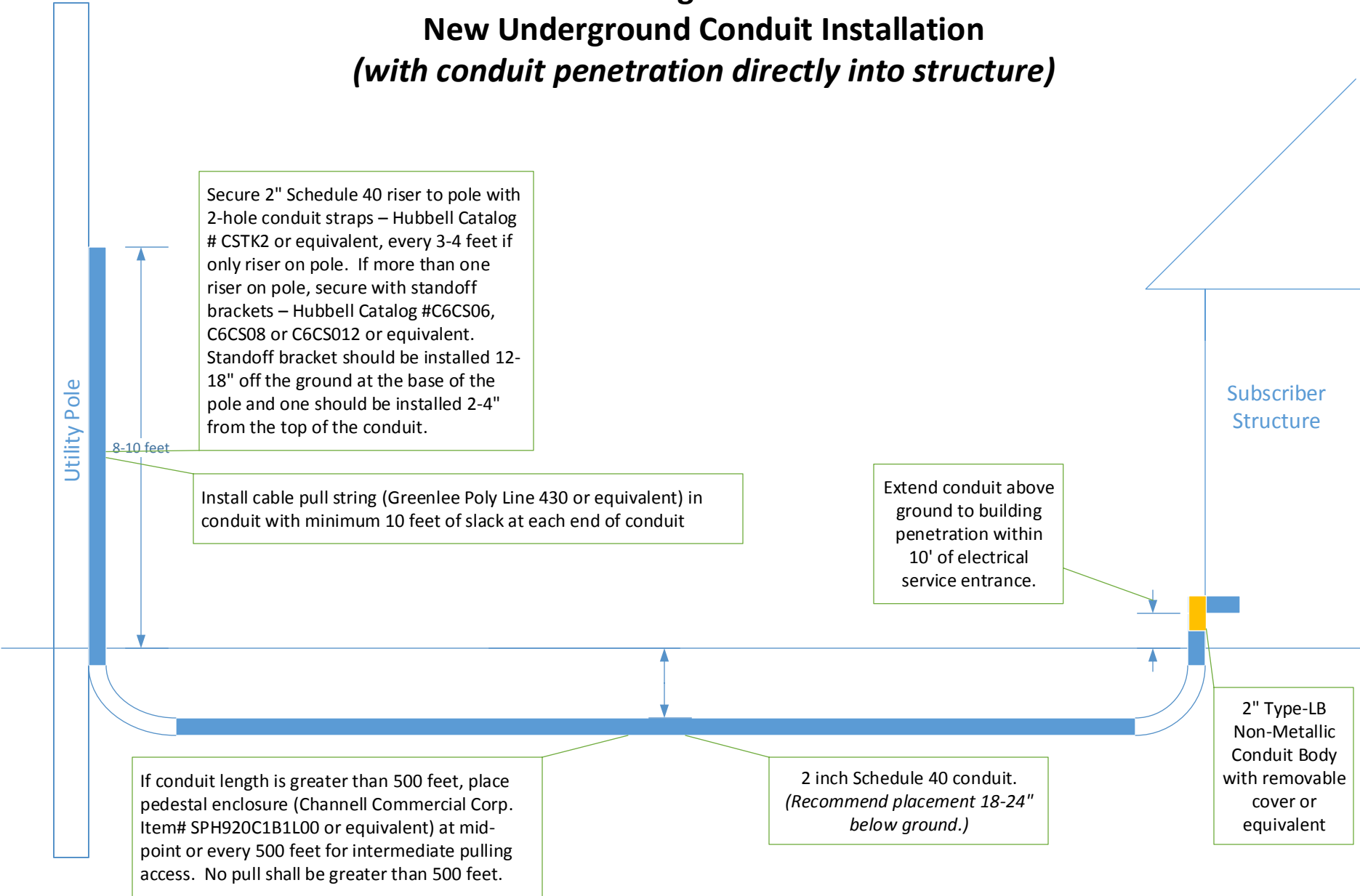


Diagram 3 Existing Empty Conduit with Open Stubs

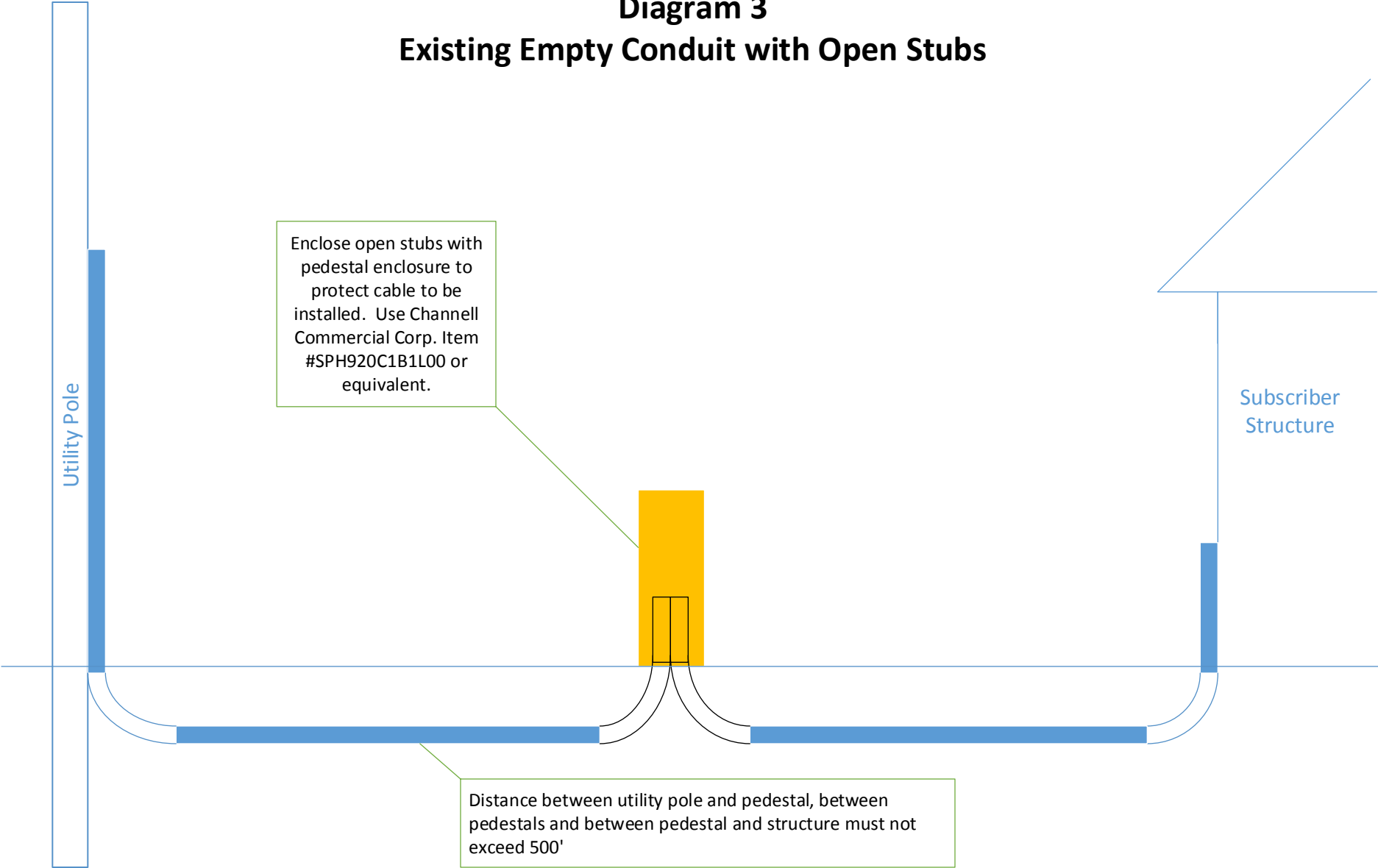


Diagram 4
Using Existing Conduit with FairPoint Cable in Place
(If No FairPoint Pedestal is in the Line)

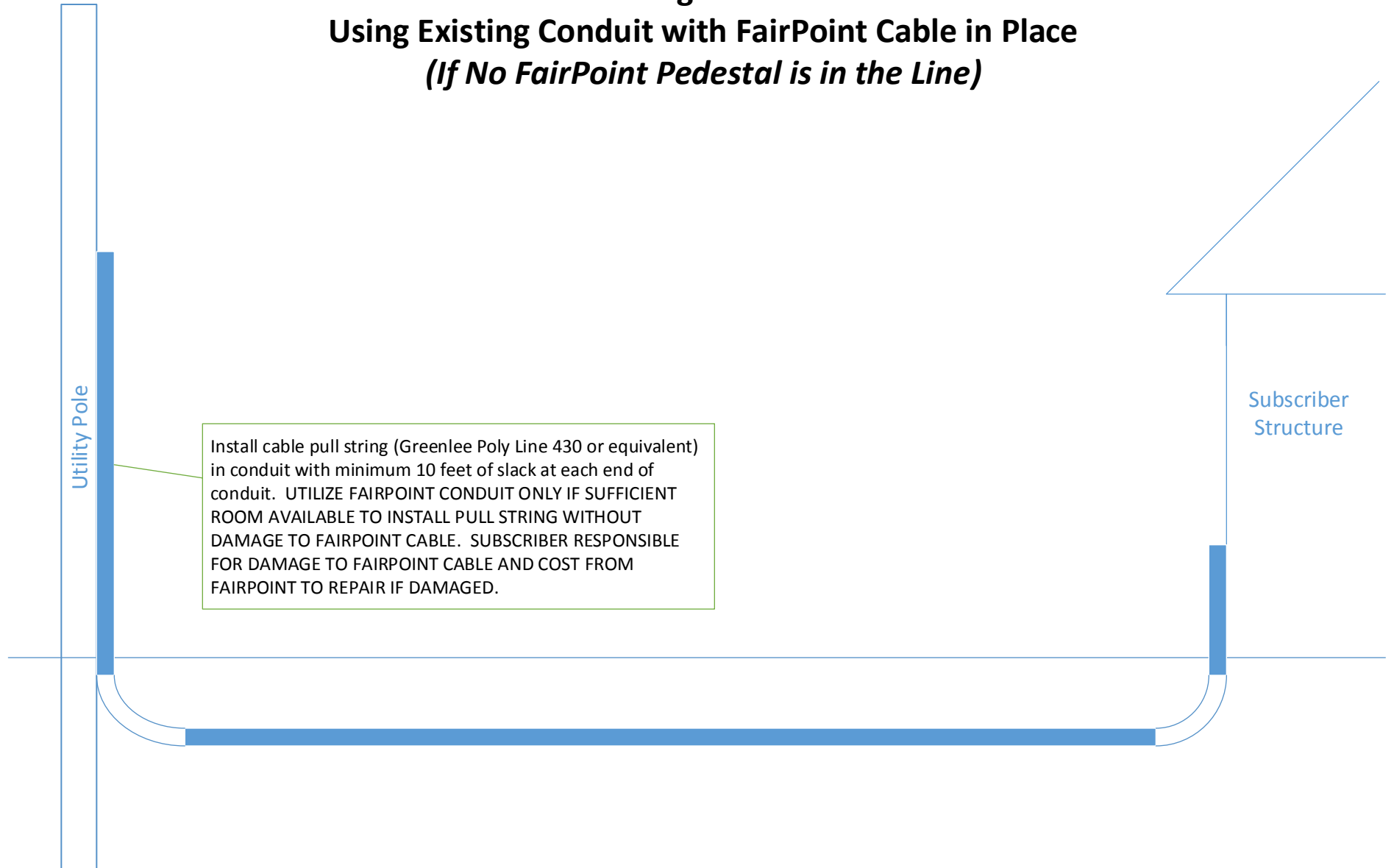


Diagram 5

Using Existing Conduit with FairPoint Cable in Place *(that is attached to a FairPoint Pedestal)*

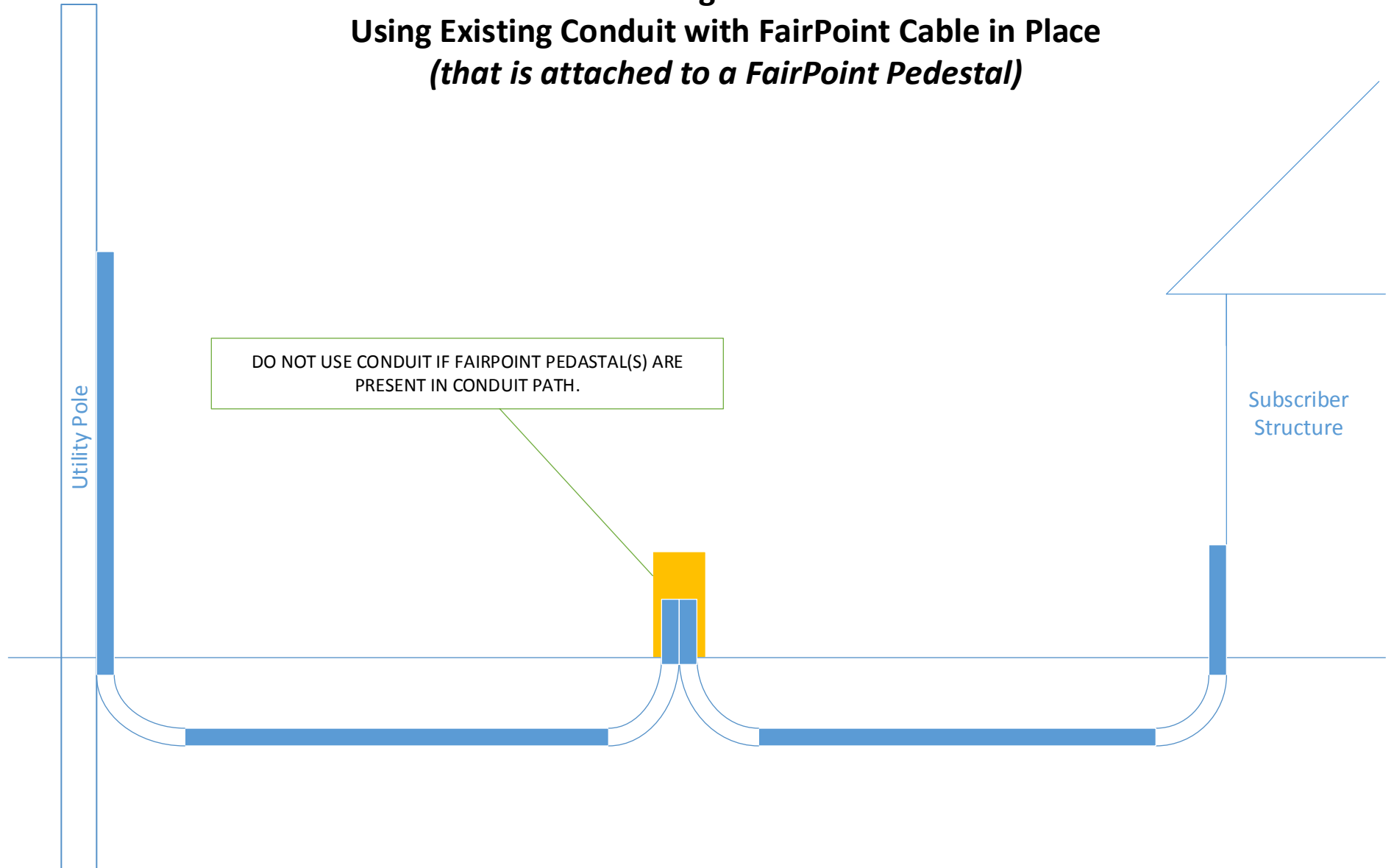


Diagram 6

Locations with Intermediate External Backboard

