



Fiber for Utility Use

and other Tenants too

May 2016

History



- In 1999 first fiber installed
- Used for internal purposes about 100 miles
- Expanding Fiber for Utility Use
- Study to determine options
 - Competed in June 2014
 - Fiber to the Home (too expensive)
 - Fiber to Commercial (other companies started)
 - Fiber for Governmental/Utility Use (Decision)
- Mayor sent out RFI December 2014
- Over several Months of 2015 current plan developed

Plan

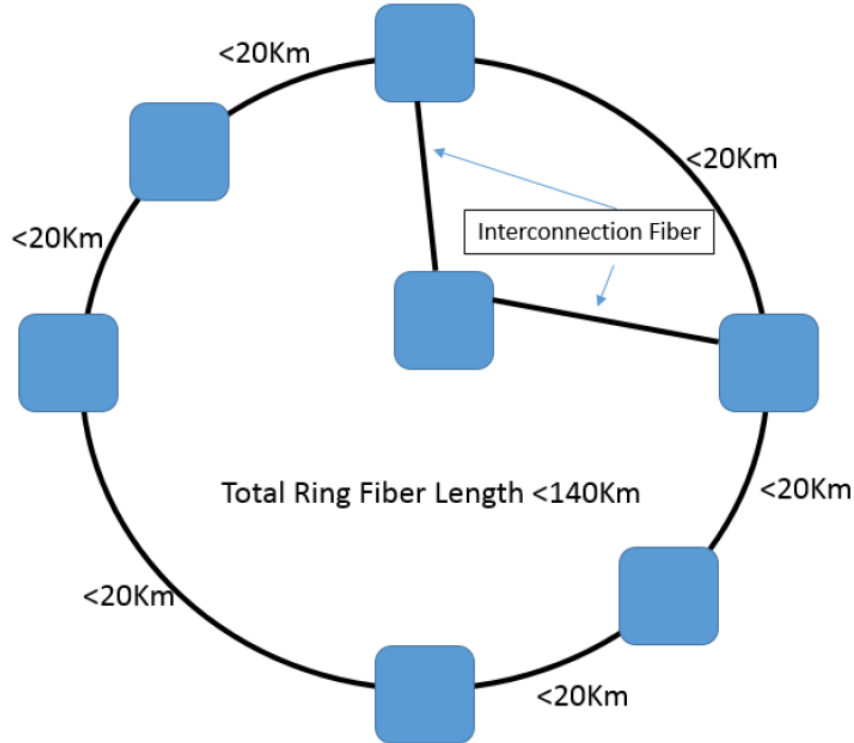


- Install Fiber system to serve Utility needs
- Backbone with communication huts
- Install enough for growth
- Anticipate excess fiber capacity in Network
- Purpose to serve own use
- Cost around \$57 Million
- Over next 3.5 Years

Dark Fiber Technical Specifications

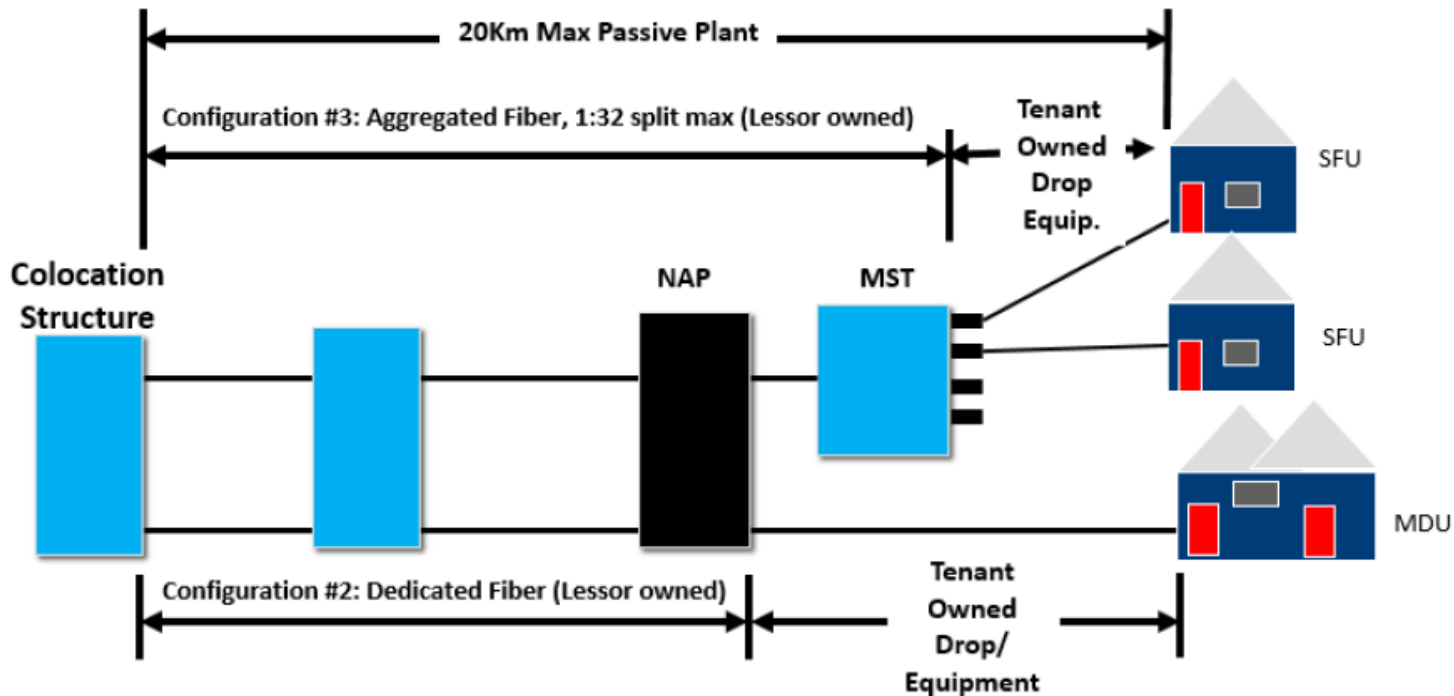


DIAGRAM 1

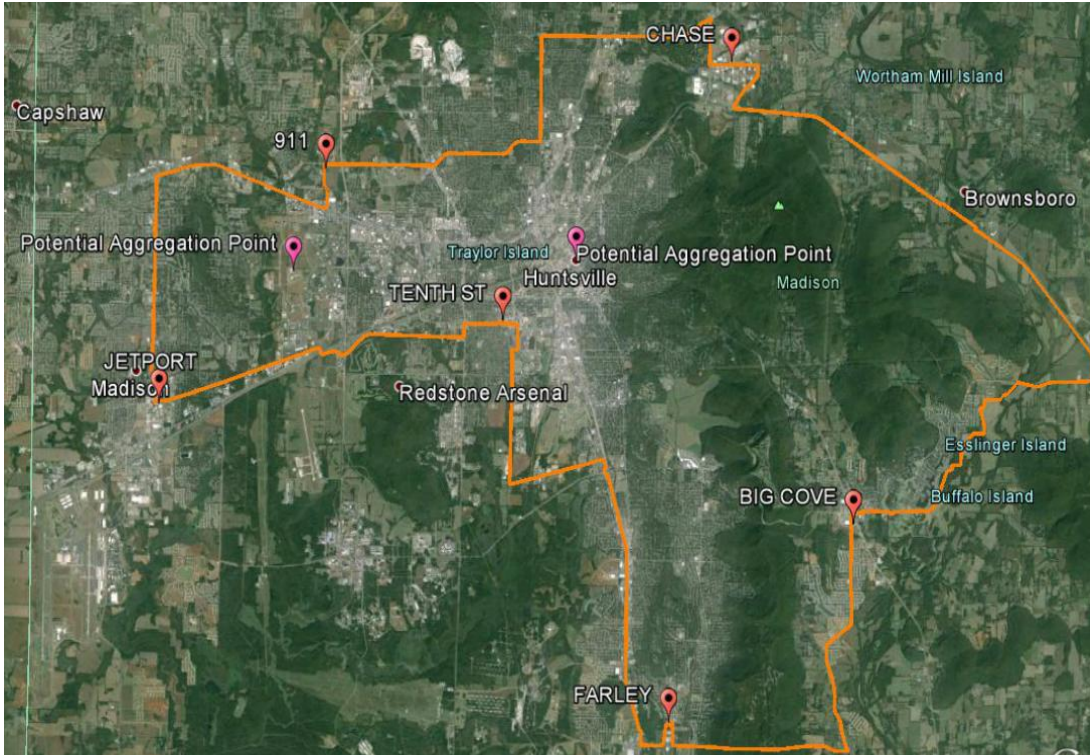


Dark Fiber Technical Specifications

DIAGRAM 2



6 HUT Sites & 2 Aggregation Sites



- HUT 1 – Farley
- HUT 2 – Big Cove
- HUT 3 – Chase
- HUT 4 – 911
- HUT 5 – Jetport
- HUT 6 – Tenth Street
- 1st Agg. Pt. – Cummings Research Park
- 2nd Agg. Pt. – Downtown Huntsville

Potential Fiber HUT Locations

