

# BROOMFIELD, CO

## PROJECT BACKGROUND

The City and County of Broomfield, CO looked to build a fiber network to connect their city and county facilities, as well as other anchor institutions. They also wanted to know what a network could look like if they scaled to connecting all homes and businesses with the County. Broomfield wanted to focus on a phased approach with the ultimate goal being to create a Master Fiber Development Plan. Members of our executive team were responsible for the following: On-Site Strategy Session, Preliminary Design & Capital Cost Analysis, Market Assessment Portfolio Creation, Master Fiber Development Plan. The plan was finalized in March of 2018 and Broomfield has constructed the first phase of our suggested plan.

## FIRM INVOLVEMENT

Members of Lit Communities executive team worked with the City and County of Broomfield to create a Master Fiber Development Plan. This included estimating cost of construction for an institutional backbone ring, combined with an estimate to build a full FTTH/B network throughout the County. Utilizing autodesign software we ensured cost estimates were delivered at 95% accuracy. During this project, we worked with municipality to create a Dig Once Ordinance. We ultimately delivered multiple business plans to Broomfield from which they chose the right path forward for their community.

## REFERENCE

### Ernesto Chavez

Information Technology Director  
303.438.6241  
echavez@broomfield.org

## SIZE

33.55 sq. miles

## TECHNOLOGIES USED

Automated Design  
Smart City Applications

## BANDWIDTH

1 Gigabit

## DATE OF PROJECT

November 2017 -  
March 2018

## KEY PERSONNEL

Brian Snider - CEO  
Lauren Bender - COO  
Ben Ramirez - CMO

