

# NEW ORLEANS, LA

## PROJECT BACKGROUND

The City of New Orleans, LA sought to build an institutional fiber network to connect their city and government buildings, as well as other community anchor institutions. They also wanted to know what a network could look like if they created wireless access points throughout the city for smart meter data collection for their Public Works and Sewage and Water departments. These departments planned to reconstruct roads and sewer lines throughout the city with federal funding from Hurricane Katrina. The plan developed around the schedule for this reconstruction and helped for the path for the institutional backbone ring. Utilizing joint build opportunities and Dig Once Policies, a Master Broadband Plan is developing for the City and should be publicly released in 2019.

## FIRM INVOLVEMENT

Members of Lit Communities executive team worked with multiple departments at the City of New Orleans and the Foundation for Louisiana to create a Master Broadband Plan. This included estimating cost of construction for an institutional backbone ring and developing a deployment plan. Our team also worked with Delgado Community College to formulate the Fiber Academy, a semester long course which will create a local workforce for network deployment. Lit is working with the class today to assess pockets of New Orleans for broadband connectivity, training the students to collect field data, engineer a network, and eventually how to construct a network.

## REFERENCE

### Alfred Cruz

Vice President of Programs and Special Initiatives  
at the Foundation for Louisiana  
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## SIZE

349.8 sq. miles

## TECHNOLOGIES USED

Automated Design  
Fiber Academy  
Smart Meter Reading

## BANDWIDTH

1 Gigabit

## DATE OF PROJECT

March 2017 - Present

## KEY PERSONNEL

Brian Snider - CEO  
Lauren Bender - COO

