



## Infrastructure Engineering Services for Data Centers & Fiber Networks

### Plan for Frictionless Implementations

Data center and fiber network stakeholders need to complete functional designs and get networks online quickly with a partner who knows the ropes and can ease the path to deployment. Our team plans and designs infrastructure solutions that stand the test of time and are ready for future innovation.

We offer support with all engineering and professional services required for the successful deployment of fiber or data center infrastructure. With a holistic approach to planning and design, a team of professionals will evaluate the details of your project and your end goals to plan and implement a successful build.

### Invest in Your Performance

Our planning and engineering experts set you up to:

- Ensure bandwidth and user demands are met
- Meet security, compliance, and documentation requirements
- Manage current and future operational costs
- Establish healthy network management
- Oversee all project phases with a single partner
- Free up internal resources for revenue-driving activity



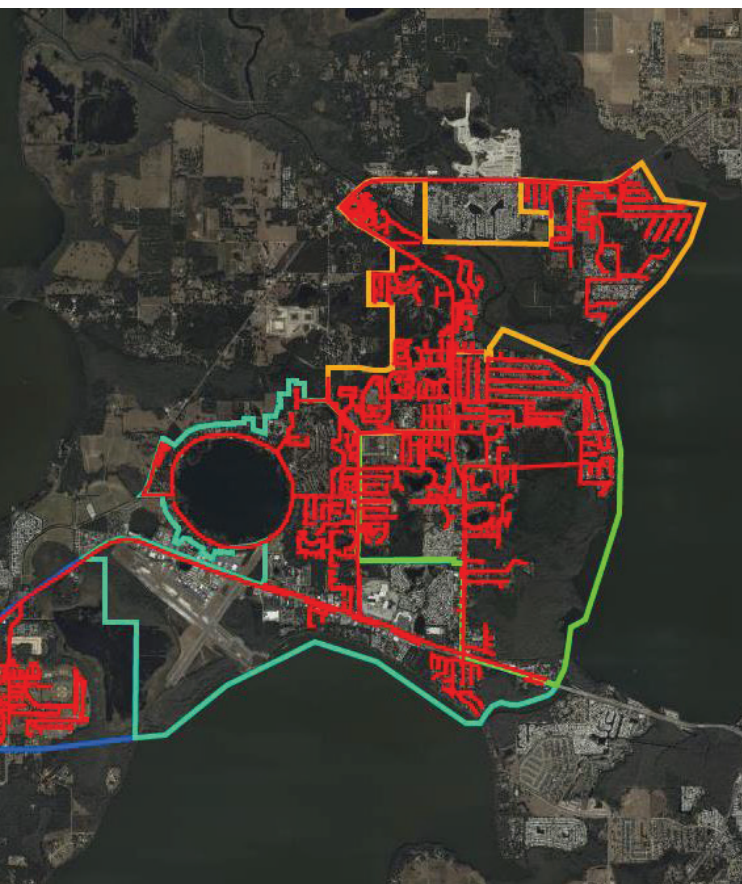
# Infrastructure Engineering Services

## Data Centers

- Facility planning & design
- Infrastructure consulting & architecture
- Transport & network engineering
- Electrical & mechanical analysis
- Engineering drawings
- Site acquisition & ROW permitting
- BIM modeling & engineering
- CAD
- As-built documentation
- Construction & program management
- Material logistics & staging
- Infrastructure pre-fabrication
- Asset management & documentation
- Infrastructure management/site maintenance

## Fiber Networks

- High level & low level design (HLD/LLD)
- OSP fiber engineering
- Feasibility studies & route analysis
- Walkout & survey
- Transport & network engineering
- Site acquisition & ROW permitting
- Environmental analysis
- Network audit & remediation
- Construction & program management
- Inspection and as-built documentation



## Breadth of Experience

- Data centers—hyperscale, colocation, edge, enterprise
- Campus fiber ties
- Metro fiber networks
- Middle mile fiber routes
- Long-haul fiber routes
- ILA huts/fiber regen stations
- Cable MSOs
- Central offices
- Carrier networks
- ILECs/CLECs
- Enterprises