

Project Profile



brightline



Brightline Trains Florida Design Build Multi-Carrier Fiber Optic Communication Systems and PTC Communications

Phase I - Miami-Dade, Broward, and Palm Beach County, Florida

67 miles | Completed: April 2016 | Value: \$26,000,000

Phase II – West Palm Beach, FL to Orlando, FL

130 miles | Completed: January 2023 | Value: \$75,000,000

Description of Project:

Hypower designed and installed 197 miles of communications infrastructure to accommodate 6 long distance carriers and the new Positive Train Control fiber for FEC and Brightline's new high-speed Train.

Brightline is a privately funded high speed railroad currently being built between Orlando and Miami within the Florida east coast right-of-way. Hypower served as the prime design build engineer of record and contractor for the lessee long haul fiber optic networks and railroad positive train control communication systems.

Hypower's Scope:

- Large Navigable Water Crossing Bores
- Large Plow and Trench Installation.
- Millions of Fiber Optic Butt Splices and Terminations.
- Millions of Fiber Optic OTDR and Power Meter Tests.
- Survey and As-Built Production to within a tenth of an inch accuracy.
- Positive Train Control Communication Network Installation.

Start Date: May 2015 **Date of Completion** – May 2023

Client
Brightline

Architect:
URS Corporation Southern

Primary Engineer:
Hypower, LLC