

Blackshear

568,927 ft — nearly 108 route miles — of hybrid fiber fielded and surveyed across 1,143 poles and 4,354 passings in two Georgia counties, in 22 calendar days.

A two-person J2 field crew walked out 568,927 ft — almost 108 miles — of hybrid plant (80% aerial / 20% underground) across 1,143 poles serving 4,354 passings, spanning Brantley and Pierce Counties, sustaining roughly 33,500 ft/day to complete the walkout in 17 days and close the engagement in 22 calendar days — coordinated with pole owner Georgia Power.

LOCATION	CLIENT	SCOPE	TIMELINE
Hoboken & Blackshear, GA (Brantley & Pierce Cos.)	National MSO (via prime contractor)	Walkout · Survey	Apr 24 – May 16, 2025

OVERVIEW

J2 TeleDesigns was engaged through a prime contractor to complete the field walkout and survey for a large hybrid fiber build across two Georgia counties — Brantley (Hoboken) and Pierce (Blackshear). The route ran 568,927 feet — nearly 108 miles — of hybrid plant (80% aerial / 20% underground) across 1,143 poles serving 4,354 passings, coordinated with pole owner Georgia Power. A two-person field crew completed the walkout in 17 days — roughly 33,500 ft and 67 poles fielded per day — and closed the entire engagement in 22 calendar days.

BY THE NUMBERS

568,927 ft FIBER FIELDIED	107.75 mi ROUTE LENGTH	1,143 POLES SURVEYED	4,354 PASSINGS SERVED
80 % AERIAL PLANT (20% UG)	22 days KICKOFF TO COMPLETE	17 days WALKOUT DURATION	~33,500 ft FT / DAY (WALKOUT)

THE CHALLENGE

- **Massive multi-county scale.** Nearly 108 route miles and 1,143 poles across two counties — Brantley and Pierce — surveyed as one coordinated engagement.
- **Aggressive throughput target.** Fielding 568,927 ft and 1,143 poles in a 17-day walkout demanded a sustained ~33,500 ft/day without sacrificing data quality.
- **Hybrid plant across the whole route.** An 80% aerial / 20% underground mix required pole-loading fielding and underground methods across all 108 miles.
- **Multi-jurisdiction coordination.** Coordinated with pole owner Georgia Power across two county footprints.

OUR APPROACH

- **High-throughput crew.** A two-person J2 crew sustained roughly 33,500 ft and 67 poles fielded per day across the 17-day walkout.
- **Route-sequenced fielding.** The 108-mile route was sequenced for efficient coverage across both counties, capturing exactly what was needed at the source.
- **Katapult Pro capture at scale.** NESC pole-loading, make-ready markup, and photo-based measurement on 1,143 poles.
- **Tracked, phase-gated workflow** the J2 Tracker kept walkout and survey le and in sequence across the full engagement.

THE RESULT

J2 delivered the complete Blackshear walkout and survey — 568,927 ft across 107.75 route miles, 1,143 poles, serving 4,354 passings, spanning Brantley and Pierce Counties — in 22 calendar days, with a 17-day field walkout sustaining roughly 33,500 ft and 67 poles per day, coordinated with pole owner Georgia Power.

DELIVERED WITH

Katapult Pro

J2 Tracker

ArcGIS

Bluebeam Revu

WHY IT MATTERS

Blackshear is proof of scale: J2 can field a 108-mile, 1,143-pole, two-county build fast and clean, and hand off survey data the next crew can build from. Better information, from the field forward.