

Crossland Park

11 miles of underground fiber fielded, surveyed, and permitted in 12 days — zero make-ready, ready to build.

A two-person J2 field crew walked out 58,493 ft of predominantly underground plant serving 582 passings, closed the full engagement in 12 calendar days, and delivered a 100% on-time, 100% QC-pass package.

LOCATION	CLIENT	SCOPE	TIMELINE
Aiken County, SC	National MSO (via prime contractor)	Walkout · Survey · Permitting	Apr 9 – Apr 21, 2025

OVERVIEW

J2 TeleDesigns was engaged through a prime contractor to complete the full field walkout, survey, and permitting for Crossland Park, a residential fiber build in Aiken County, South Carolina. The route ran 58,493 feet — just over 11 miles — of predominantly underground plant serving 582 passings, coordinated across two jurisdictions: pole owner Dominion and Aiken County excavation authority. A two-person field crew, backed by dedicated project management and QA/QC, completed the walkout in 10 days and closed the entire engagement in 12 calendar days — with zero make-ready units and no new poles required.

BY THE NUMBERS

58,493 ft FIBER FIELDIED	11.08 mi ROUTE LENGTH	582 PASSINGS SERVED	12 days KICKOFF TO COMPLETE
5,849 ft PER DAY, PER FIELDER	3 days AVG. PERMIT TURNAROUND	100% ON-TIME MILESTONES	100% QC PASS RATE

THE CHALLENGE

- **A live subdivision.** Residents repeatedly stopped the crew mid-walkout, adding friction and slowing field progress on an already tight schedule.
- **Underground-heavy design.** Roughly 99% of the plant was underground, requiring precise route and strand/trench mapping plus county excavation permitting — not simple pole attachment.
- **Multi-jurisdiction permitting.** Coordination across pole owner Dominion and the Aiken County excavation authority, on a compressed timeline.
- **Summer field conditions** across the full route.

OUR APPROACH

- **Route-first fielding.** J2 laid out the underground route in Katapult Pro, then sent fielders to verify it on the ground and capture exactly what was needed to build accurate UG permit packages.
- **hase-gated workflow.** The project ran on the J2 Tracker so every gate — walkout, itting, QC, closeout — was enforced in sequence.
- **Right tools per task.** QGIS / Google Earth for basemap and route/KMZ deliverables; Bluebeam Revu for permit packages, redlines, and QC stamps.
- **Lean, productive crew.** Two fielders sustained 5,849 ft/day each while keeping data clean at the source.

THE RESULT

J2 delivered the complete Crossland Park package — walkout, survey, and permitting for 58,493 ft of fiber across 11.08 route miles — in **12 calendar days**, at a **100% on-time milestone rate** and a **100% QC pass rate**, with a **3-day average permit turnaround**. The design required **zero make-ready units and no new poles**, handing the prime a clean, buildable package ready for construction with nothing to rework.

DELIVERED WITH Katapult Pro



J2 Tracker

• QGIS / Google Earth

• Bluebeam Revu

WHY IT MATTERS

Crossland Park is what J2 TeleDesigns is built to do: get the field data right at the source, move fast without cutting corners, and hand off a package the next crew can build from without cleanup. Better information, from the field forward.