

Duct Bank Construction Without the Bottlenecks

Duct-bank construction comes with built-in challenges — but it doesn't need to

Power and data flow through duct banks — so precision matters.

Installing duct banks right, on time, and in sequence is critical to keeping mission-critical projects on track. But coordinating the work can be complicated.

Excavation, conduit installation, and concrete placement are often split among multiple trade contractors, creating extra layers of scheduling and communication. And with duct banks typically sitting on the project's critical path, delays at this stage ripple through downstream work.

All of this adds up to more risk and more coordination for general contractors (GC) and electrical contractors (EC). Even GCs and ECs that self-perform some of the scopes can feel the pressure, especially when labor is tight and timelines are compressed.

The margin for error is slim — and the cost of misalignment is high. But the right partner — one that can take ownership across scopes, adapt to the unexpected, and deliver with confidence — can turn a potential bottleneck into a well-orchestrated phase of the project.

Experience Matters

With Baker, you get a partner who knows how to deliver across scopes with confidence and control.

We bring nearly six decades of turnkey “anchor bolts down” experience to the table. Our portfolio includes extensive work on data centers and other energy-intensive facilities where duct bank construction is critical. That deep experience gives us the insight to plan smarter, sequence tighter, and adapt quickly when conditions change.

We don't just get the job done. We get it done right. We're known for:

INTEGRATED SCOPES

From deep foundations to above-grade slabs, we execute multiple scopes of work with efficiency and precision. By self-performing excavation, conduit installation, and concrete placement, we reduce handoffs and increase accountability. For our clients, that translates into fewer trades to manage, tighter sequencing, and a lower risk of surprises in the field.

PROVEN QUALITY MANAGEMENT

When it comes to duct banks, precision work can make all the difference between powering the structure on time and redoing the work at great expense. Our field-tested quality control program — built on 14,000+ projects over nearly 60 years — reduces errors and rework to keep projects moving.

EXPERIENCED LABOR FORCE

As a national company with 8,000+ co-workers, we are not limited to hiring local laborers. Our deep bench of established, qualified, and highly skilled craft will travel anywhere in the country. As a result, we can staff every project with the best skills and right experience for the job.

SCHEDULE-DRIVEN PERFORMANCE

Our detailed planning, work packages, and resources enable us to maintain momentum, even on aggressive timelines. We know how to sequence scopes efficiently, pivot when conditions change, and keep crews moving.

PREFAB EFFICIENCIES

Prefabricated conduit assemblies, when practical, give our teams an edge in the field. By sourcing and installing prefab setups, we can gain greater consistency in outcomes.

COORDINATED COLLABORATION

We don't work in silos. Our teams engage closely with other trade partners to keep critical path items on track and milestones intact.

TECHNOLOGY-ENABLED DELIVERY

From building information modeling to virtual design and construction, advanced construction technologies underpin our execution strategies. Our team is experienced with building complex models and integrating them with our project partners to detect and resolve clashes before they become field delays.

Duct Bank Projects

Long before the first trench is dug, Baker is there to support GCs, ECs, and engineering teams with planning, sequencing, and constructability. From preconstruction through project delivery, we bring the expertise, flexibility, and follow-through it takes to keep duct bank construction on time and on track.

DUCT BANK CONSTRUCTION EXPERTISE

On-site:

- Excavation and backfill
- Deep foundations
- Structural concrete
- Tilt-wall construction

Planning and resourcing:

- Engineering constructability reviews (geotechnical, structural)
- Labor, material, and equipment
- Pricing, modeling, and scheduling
- Work sequencing/packages



Dream Big, Build Better With Baker.

Baker Construction is the nation's leading concrete construction contractor. But we're more than just a concrete contractor.

Baker offers comprehensive industrial construction solutions in civil construction, underground utilities, deep foundations, structural and slab concrete, and concrete protection and restoration. With nearly six decades of experience, we bring a higher level of project management, quality assurance, and risk mitigation to every job site.

Put our experience to work for you. For more information and to discuss how Baker Construction can support your next project, contact us today.

BAKER
Construction

www.BakerConstruction.com



Committed to being an industry leader in **SUSTAINABLE CONSTRUCTION** practices & operations.