



## WHC – A Surerus Murphy Company

# World-Class Pipeline Construction and EPC

**WHC – A Surerus Murphy Company (WHC)**, has built and provided EPC services for pipelines across the vast American landscape since 1957. From the Rockies to the Eastern Seaboard, through the heartland and all around the Gulf Coast, we have constructed and installed pipelines that transport America's fuel supply to facilities for further processing, or to terminals for export to the global market, or to the grid for transport to the end-user.

No two pipeline requirements are ever the same, and that's why we tailor our execution plan to the unique needs of each project. We have been doing this long enough and with a track record that demonstrates our agility and deep understanding of pipeline construction. Whatever the challenge, we've seen it before and delivered a successful project to our clients.







## MARSH/SWAMP CONSTRUCTION

Constructing pipelines through the marshy, swamp conditions of the Deep South is where WHC's experience stands out. We've been doing it for decades, and over time, we've found efficiencies and used technology in ways that optimize safety, quality, and production.

A prime example of this innovative approach is our adaptation of offshore technology for land-based operations. By integrating a lay barge pipe tensioner into our push rack set-ups, we've achieved superior control of the push process, delivering a safer work environment and improved operational efficiency. This advanced methodology, backed by WHC's vast experience, has allowed us to successfully execute some of the industry's longest largediameter continuous pushes on record.



## STEEP SLOPE CONSTRUCTION

Safely navigating pipelines down some of the steepest slopes in North America requires an engineering mindset and real-time data for fast, reliable decision making. We use specialized equipment with custom-engineered anchor points for winching to ensure we lay pipe down carefully and safely. Drones, GIS, 3D modeling, surveying data and other business intelligence tools enable us to gather information that is used to make construction decisions as the work is happening.

A highly skilled workforce backed by innovation and training propel us forward.







## WELDING INNOVATION

Our ability to drive welding advancements in the energy construction industry is a point of differentiation, and one reason why we are a contractor-of-choice for our clients. Our specialized collection of mechanized external welding units, also known as “orbital welding machines” or “welding bugs”, provide consistent welding parameters that result in easily repeatable, high-quality welds that use a low-hydrogen welding process. The benefit is strong production rates, fewer weld repairs and the elimination of hydrogen-induced cold cracking imperfections. These advantages result in industry-leading low-weld repair rates because we can coat the weld immediately upon weld completion.



## WORKING IN CONGESTED SPACES

Our expertise shines in some of the most challenging pipeline installations imaginable. We've laid countless miles of pipe through densely congested environments, requiring precision placement mere feet from existing infrastructure. From residential neighborhoods to industrial zones, highway corridors to complex pipeline networks, we navigate tight spaces with surgical precision. In these high-stakes areas, such as existing utility corridors where space comes at a premium, we routinely install lines within 1-2 feet of active utilities—a task demanding exceptional skill and careful planning. Our success relies on three critical factors: meticulous mapping and protection of existing infrastructure, strategic deployment of construction matting, and coordinated collaboration with all stakeholders, including clients, corridor owners, and neighboring operators.





# Pipeline Capabilities:

- Constructing pipelines ranging from 6-inch- 48-inch diameter
- Diverse terrain capabilities:
  - Marsh, swamp and inland water installations
  - Congested corridor/field installations
  - Rock/mountainous installations
  - Urban
- Automatic welding in push, barge lay, and cross-country applications
- Specialty gas, H<sup>2</sup>, CO<sup>2</sup> and carbon capture
- Relocations
- Class change upgrades and replacements
- Abandonments
- Renewable natural gas

# Earthwork Supports

WHC Energy Services has a substantial 650-piece civil earthworks fleet that consists of bulldozers, excavators, articulated trucks, loaders, tractors, motor graders, soil compactors and ditching trenching equipment. The size categories of our construction equipment ranges from small compact equipment to large earthworks. Our smaller equipment complements constricted or ground-pressure sensitive work areas while our larger earthworks equipment, such as 90-ton excavators and 48-ton dozers, provide efficiencies in large-area work environments. With over 50 haul trucks, the company can bulk transport massive quantities of material on any worksite. We also carry specialty fleet of ditching equipment consisting of chain and wheel ditchers. These range from 16-inch up to a 73-inch-wide trench.

## Sizeable Equipment & Fleet Resources Provide Advantage to our Clients

We have over 1100 pieces of heavy construction equipment and on-highway heavy transport and construction support vehicles. With over 150 sidebooms ranging from 18-ton to 120-ton lift capacity along and pipe loading capacity with deckhands ranging up to 70-ton excavator, we can handle any size of pipe from small-inch to large-inch diameter projects. We carry a variety of support equipment for the pipeline sector from tracked and wheeled tachrigs, sandblast and coating, heat induction units. Combined, this equipment fleet can handle any size of civil or earthworks project, making this fleet one of the largest privately owned fleets in North America.

Our fleet also includes heavy transport equipment trailers with capacity to transport up to 90-ton machinery. We also have an extensive fleet of heavy re-fueler, lube and service trucks, roll-off and crane trucks all in 2 wheel-drive and 4 wheel-drive configurations to handle adverse conditions. Picker trucks are also essential to construction execution; our fleet has over 30 picker/crane trucks ranging from 5-ton to 70-ton lift capacity.



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