



## PROJECT DESCRIPTION

### TECHNICAL FACILITY EXPANSION

Central Indiana

### MORRIS-SHEA PROJECT COMPONENT

### GEOTHERMAL DRILLING

SDR-11 ground loop heat exchanger piping installed in 350 boreholes



## MORRIS-SHEA

## TECHNICAL FACILITY

### PROJECT SCOPE:

- 350 DRILLED BOREHOLES (400 FT)
- GROUND LOOP INSTALLATION (140,000 LF)
- CONCRETE GROUT PUMPING

### PROJECT OVERVIEW

Morris-Shea drilled 350 geothermal boreholes for the installation of 140,000 linear feet of ground loop heat exchanger piping at a technical facility in Central Indiana. Morris-Shea mobilized two advanced drill rigs, a CPT test unit and other support equipment to the plant expansion job site. The team drilled 4.5 inch diameter boreholes to a depth of 400 feet from drilling grade. Geothermal construction began in mid-July and was completed on schedule on November 24, 2025.



### BOREHOLE INSTALLATION EQUIPMENT

Our compact track-mounted equipment's innovative derrick and casing handling system assures drilling efficiency in expansive job sites such as the Indiana project. Morris-Shea also fielded the industry's most powerful compact platform sonic drill rig to set casings into the boreholes. 20 linear feet of temporary casing was drilled into each borehole. The casing was removed once grout was placed.



## LEADING GEOTHERMAL DRILLING CONTRACTOR

Birmingham, Alabama-based Morris-Shea is a leading geothermal drilling contractor for commercial, institutional, and industrial applications. The Morris-Shea team can manage geothermal installations from drilling to horizontal tie-in. Our professionals work closely with project engineers and operators to assure production efficiency and offer value-engineered alternates when challenging subsurface conditions arise. We maintain the geothermal expertise to evaluate the cost and technical limitations at the job site, as well as their impact on constructability and scheduling issues.



# MORRIS-SHEA

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