



Civil Construction Division

# Case History

**Cutting Edge  
Technology &  
Unparalleled  
Performance**

www.helitechccd.com  
info@helitechonline.com  
800-246-9721

**Specializing in:  
Deep Foundations  
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Micro Piles**

**Problem:**

The Metamora Waste Water Treatment Plant in Metamora, Indiana. The soil nail wall was selected for temporary earth retention due to the slope of the terrain and a challenging soil make up.

**Solution:**

Helitech installed an 18' tall, 120' long Temporary Soil Nail Earth Retention System. The system consisted of A. B. Chance Helical Soil Screws, steel wire mesh, drain tile and a shotcrete facing.

**Resolution:**

The Temporary Soil Nail Earth Retention System was installed in 6 working days. By utilizing this system, Helitech was able to get the project back on schedule and on budget. The system provided a competitive cost compared to typical sheet piling and tieback systems and was able to be completed at a cost savings to the customer.



## Helitech Memberships:

