

# IRRIGATION & ENDANGERED SPECIES LEFT UNDISTURBED

## METRICS

✓ **CREW OF 6**  
field personnel

✓ **13 MONTH**  
project duration

## BACKGROUND

NEW SOUTH (formerly KLEIN) crews were called to provide access to support a 9-mile 69kv/138kv rebuild project that needed structure replacement, impacting two golf courses.

Utilizing aggregates and access matting, such as 3-ply matting and various length 4' x 12" timbers, crews installed access roads, pads, pull pads, air bridge gas line crossings, and multiple short-to-mid-span creek crossings that covered the project site.

## **BACKGROUND**

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Along the right-of-way crews installed erosion and sediment controls and provided active construction support such as snow removal, site restoration, and environmental maintenance to provide First Energy with the site support they needed.

## **CHALLENGES & SOLUTIONS**

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### **BOG TURTLES**

Bog turtles are an endangered species meaning that crews working on the project site needed to be extremely careful when working near the habitats so crews created barriers around the habitats using exclusionary silt fences and signs, making them highly visible to ensure that crews left them undisturbed.

### **INVASIVE SPECIES**

On this project there were guidelines put in place to restrict the movement of mats or equipment during the breeding season of the Spotted Lanternfly, an extremely invasive species that damages trees and leaves. All crews have been trained on the Spotted Lanternfly and understand the life cycles so they can perform inspection and removal on any equipment leaving the zones.



## CHALLENGES & SOLUTIONS

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### IRRIGATION

The access on this project went through two golf courses, so crews installed access matting surrounded by heavy barricading, that way there would be no off-access road travel that could disrupt the fairway irrigation and drainage systems on both courses.

The right solution, in the right place, at the right time.



# NEW SOUTH

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