

ROADSIDE EMBANKMENT CASE STUDY

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PROJECT INFO

Fencing Type: AMX-SP30

Installation: Embankment

Longevity: Permanent

Species: Bog Turtles

Client: NJDEP

Location: Undisclosed, NJ

SUMMARY

To help reduce road mortality of an endangered species of turtle and reconnect their fragmented wetland habitat, the New Jersey Department of Environmental Protection wanted to install fencing to guide turtles to a new under-road crossing structure. They also wanted to ensure any animals that found themselves on the road, from beyond the fence ends, would be able to easily escape back to safety. This resulted in us installing the fencing below grade that not only turned the entire fence into a one-way feature but also kept the barrier out of sight for drivers. Monitoring of the eco-passage revealed several animal species were successfully using the structure to cross.

Photography courtesy of NJDEP



Challenges

- Snowload
- Retrofitted
- Road slope



Actions

- Durable materials
- Installation support
- Unique design



Outcomes

- Low maintenance
- Connected habitat
- One-way escape

