

Environmentally Sensitive Area Signage

Protecting Environmentally Sensitive Areas

Utilization of signage to delineate environmentally sensitive areas (ESA) for non-disturbance both during and after construction activities.

What are the benefits?

- **Greater protection of environmentally sensitive resources**, such as streams, endangered plants and wildlife.
- **Faster to deploy and easier to maintain** than standard orange construction fencing
- **Used in addition to orange protective fencing**, where access to sensitive areas could be an issue with the public at large.
- **Cost-effective** in terms of sign materials and ease of installing the signs versus having to clear vegetation and install the orange protective fencing.



How does it work?

On many construction projects, orange protective fencing is used to keep personnel and equipment out of environmentally sensitive areas. This fencing can be very cumbersome for highway contractors and maintenance crews to install and maintain. It can also catch flood debris and impede the natural flow of waterways.

Specially-designed, unique signage can be used to mark areas that are environmentally sensitive or that have been planted as mitigation. The signs alert construction and maintenance crews and the public to not disturb these areas. The signs may be used during construction projects to protect existing sensitive areas or after construction to protect environmental mitigation measures from activity that may damage the sites' effectiveness.



How do I learn more?

To learn more about this innovation, visit www.penndot.pa.gov/stic or email penndotstic@pa.gov.