

CLIENT: OHIO DEPARTMENT OF NATURAL RESOURCES

LOCATION: LAKE COUNTY, OHIO

## HEADLANDS DUNES STATE NATURE PRESERVE BOARDWALK TRAIL



THE BOARDWALK TRAIL  
PROVIDES A DESTINATION THAT  
IS ACCESSIBLE FOR ALL USERS TO  
EXPLORE THE SHORELINE.



### SCOPE OF SERVICE

Environmental Design Group provided design, documentation and surveying services for this project. The engineering included design of trails, wooden pier boardwalk system, dune restoration, and observation platform.

### PROJECT DESCRIPTION

Headlands Dunes State Nature Preserve along the shores of Lake Erie is one of the last beach dune communities in Ohio. The switchgrass and beach grasses growing in the sand dune community create a unique landscape system. ODNR wanted to allow visitors to experience the landscape as well as provide access to the Lake. To accomplish this, the project incorporated the construction of more than 600 feet of boardwalk, allowing access for visitors to traverse this fragile landscape.

### IMPACT

- Engineered 600 feet of wood-pier boardwalk trail system
- Designed the trail alignment to preserve and protect the existing dune community and endangered vegetation
- Created a ceremonial destination for the northern terminus of the 1,400-mile Ohio Buckeye Trail—the only place along this statewide trail where it touches Lake Erie
- Provided an accessible route for all users to reach the Lake

### AWARDS

- Greater Cleveland Trails and Greenways, 2018 Trails Showcase Silver Star Award