

## Wolf Lake Trail Crossings



Location: **Hammond, IN**

Owner: **Hammond Port Authority**

Designer: **SEH, Inc.**

Contractor: **Dyer Construction**

### Challenge

For the Wolf Lake South Trail in Hammond, Indiana, swale crossings were needed in several low-lying areas to prevent water from overtopping the trail and hindering natural drainage.

"We've seen other trails in the area run into this issue and wanted to learn from it before it became a problem," said Dean Button, engineer and project manager at SEH, Inc.

Concrete box culverts and perforated metal pipes were also considered. Box culvert options would require a costly increase to the trail profile elevation, while smaller diameter pipes would face debris buildup potential.

### Solution

Six identical boardwalk crossings, each 20' in length, were designed and installed throughout the Wolf Lake South Trail to allow proper drainage into the lake.

The PermaTrak clear span boardwalk crossings alleviated drainage concerns while bringing an attractive, recreational feel to the trail.

Dean Button also praised PermaTrak's engineering team for their helpful communication when putting together bid document packets for these boardwalk crossings.

#### TECHNICAL DESCRIPTION

Boardwalk Lengths: 20 ft.

Tread Widths: 11 ft. 3 in.

Color: Phoenix Tan

Texture: Sandblast

Installation Date: September 2012



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