



# Commercial and Industrial Piering Services Project Profile

**Project Name:**  
Grand River Greenway  
at Spring Lake

**Project Location:**  
Village of Spring Lake, Michigan

**General Contractor:**  
Wolverine Building Group

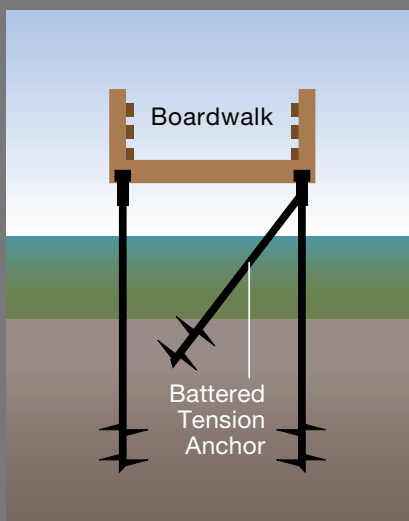
**Project Type:**  
Boardwalk

**Vertical Piers: 116**  
Load capacities ranged from  
40 Kips – 47.5 Kips

**Battered Piers: 50**  
Load capacities ranged from  
7.5 Kips – 15 Kips

**Install Depth:**  
50'-65'

**Project Duration:**  
August 2011



## Grand River Greenway at Spring Lake

The Michigan Department of Transportation (MDOT) and Wolverine Building Group turned to Kent Companies to assist in the construction of a 900 foot section of a pedestrian boardwalk surrounding Spring Lake. One hundred and sixteen helical piers were driven to depths ranging from 50 to 65 feet. Battered piers were installed at five to ten degrees to provide additional lateral support to the boardwalk. The piers were installed using a mini-excavator which left minimal impact on the soft waterfront soils. Installation was completed quickly, which allowed carpenters to follow immediately behind the foundation crews.



Photo: Wolverine Building Group

