

Name of Project: **Martindale Avenue Boardwalk Replacement**

Owner: Village of Sparta

Contact Person Names/Phones: Mrs. Sharon DeLange, Village Manager  
(616) 887-8251

Location of Project: Village of Sparta, Kent County, Michigan

Date Started: 7/21/08  
Date Completed: 8/29/08

Preconstruction Project Budget: \$83,000  
Final Project Cost: \$70,000

Project Team: Timothy Hoffert, P.E. – Project Engineer  
Dick Kraft, Senior Inspector

Project Description:



Design and construction engineering for replacement of 215 linear feet of timber boardwalk through a wetland area. The existing boardwalk was severely damaged due to inadequately constructed foundations. Several foundation options were examined, and the new boardwalk was constructed on timber piles driven 12' to 15' in the ground. For site conditions, this design proved to be the most cost efficient way to eliminate future heaving issues. Coordination with MDEQ enabled the design and construction schedule to be expedited to ensure the boardwalk was usable at the start of the school year.