

MOORE & BRUGGINK, INC.

Project History

Name of Project: **West End Extension - Fred Meijer Kenowa Trail**

Owner: Zeeland Township

Contact Persons: Glenn Nykamp, Supervisor Zeeland Township, (616) 772-6701

Location of Project: Zeeland Township, Ottawa County, Michigan

Dates of Project: November 2011- May 2012

Dollar Value: Construction Estimate: \$260,000
Final Construction Cost: \$256,400

Project Team: Joseph Camp, P.E., Project Manager

Ryan Arends, P.E., Project Engineer
Steve Green, P.S., Surveyor Supervisor
Roy Laisure, Chief Inspector
King & MacGregor, Inc., Wetlands Consultant
Materials Testing Consultants, Soils Consultant



Non-motorized Trail Bridge and North approach

Project Description:

Design and Construction Engineering and Inspection for 1,000 feet of non-motorized trail consisting of 10' asphalt paved trail along Byron Road and a prefabricated bridge in the environmentally sensitive area along and over the Macatawa River. This portion of the trail was an extension of 10.5 mile Fred Meijer Kenowa Trail to allow connection to the planned Upper Macatawa Greenway Trail over the Macatawa River.

Moore & Bruggink's project responsibilities included design of bridge pile support, pile cap, trail alignment, pavement and floodplain mitigation; bidding assistance; project budget determination; preconstruction activities; obtaining necessary Ottawa County SESC permits and MDEQ Environmental permits; construction engineering and administration; project oversight; and construction staking, construction inspection, asphalt testing, soils testing, concrete testing and density checks.



Trail approaching prefab bridge along Byron Road, Zeeland Township

