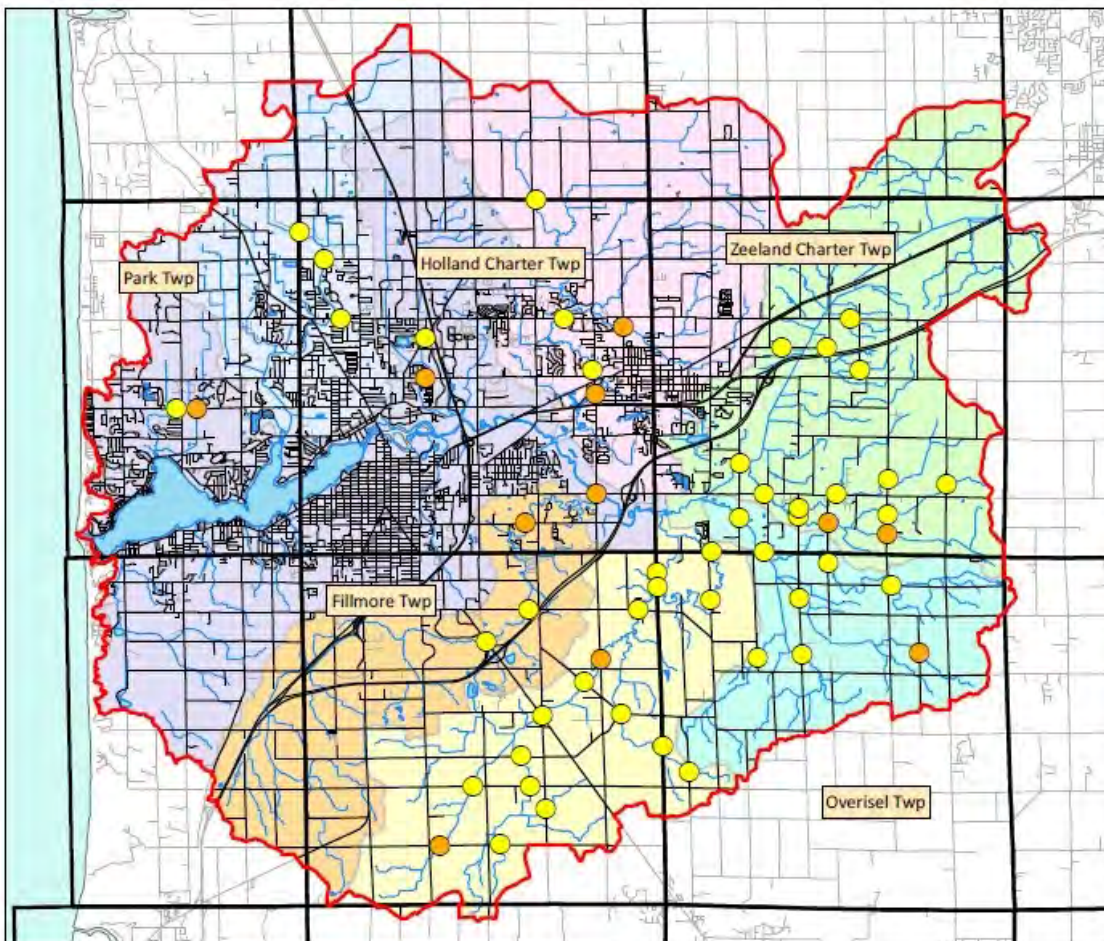


# Macatawa Watershed Project - Fact Sheet -

## 01 Goals

1. Revisit and inventory 58 sites that scored moderate and high for erosion in a 2008 bank erosion assessment
2. Develop a procedure to prioritize the inventory of additional road/stream crossings in the watershed
3. Establish a volunteer base to assist with this and future road/stream crossing inventories in the watershed

## 02 Inventory Locations - Macatawa Watershed



### Legend

#### BEHI Scores (2008)

- HIGH
- MODERATE

— Roads

▭ Townships

— Streams

■ Lakes

■ Lake Michigan

#### Major Subbasins

- Lower Macatawa
- Noordelos Creek
- North Branch Macatawa
- Peters Creek
- Pine Creek
- South Branch Macatawa
- Upper Macatawa



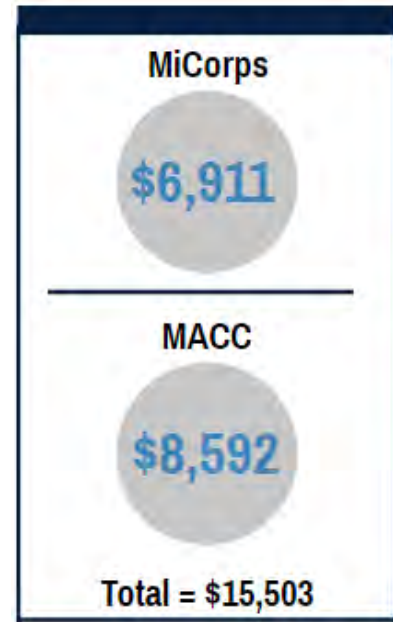
## 03 Partners



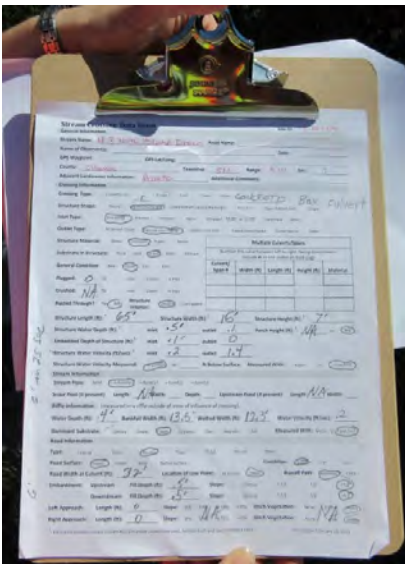
Key partners in this project have been the Allegan County Road Commission, Allegan County Drain Commissioner's Office, Ottawa County Road Commission, Ottawa County Water Resource Commissioner's Office, and the Outdoor Discovery Center Macatawa Greenway.

Staff from these entities attended training and served as a crew leaders for inventory events.

## 04 Grant Funds & Match



## 05 Monitoring



Completed datasheet

What information is recorded at a road/stream crossing site?

- General (eg. stream name, observers, date)
- Crossing (eg. type, material, inlet and outlet type, condition, structure dimensions)
- Stream (eg. scour pool and upstream pond if present, % bankfull, riffle measurements)
- Road (eg. ownership, surface type, condition, width, runoff path, location of low point, length, vegetation)
- Erosion (eg. location, dimensions, severity, material)
- Photos and drawings of each site

## 06 Accomplishments & Results



Peters Drain in Overisel Twp.



Dutchman's Creek in Zeeland Twp.



Inspecting a culvert in Park Twp.

Over the 16 month grant period, the MACC along with 33 volunteers from the community and partner organizations, inventoried 57 crossings in the watershed and entered site information into a database that will help to prioritize future visits. The MACC also surveyed team leaders and volunteers for feedback, submitted quarterly narrative and financial reports, and created a sustainable program that can continue well into the future.