

# SPOT THE DIFFERENCE: Kokosing River Restoration Project

## Can you spot differences in these images?

1. The erosion on the right side of the river bank was repaired through re-grading these areas.
2. Non-native vegetation in photo 1 on the right side of the river bank was cleared and new river bank protection and native riparian vegetation was added such as:
 

|                                  |                          |                                |   |
|----------------------------------|--------------------------|--------------------------------|---|
| a. <i>Allegheny Serviceberry</i> | a. <i>Winterberry</i>    | a. <i>Sandbar Willow</i>       | a. <i>Shellbark Hickory</i>                                       |
| b. <i>black Chokeberry</i>       | b. <i>Ninebark</i>       | b. <i>Nannyberry</i>           | b. <i>American Sycamore</i>                                       |
| c. <i>Buttonbush</i>             | c. <i>Fragrant Sumac</i> | c. <i>Red and Sugar Maples</i> | c. <i>swamp white, Scarlet, Shingle, Bur, Red, and Black Oaks</i> |
| d. <i>Gray Dogwood</i>           | d. <i>Swamp Rose</i>     |                                |   |
3. The angled blocks of sandstone boulders, known as cross vanes, seen in photo 2, has redirected the river flow back towards the center of this channel to reduce river bank erosion and allow for a stable riparian corridor.

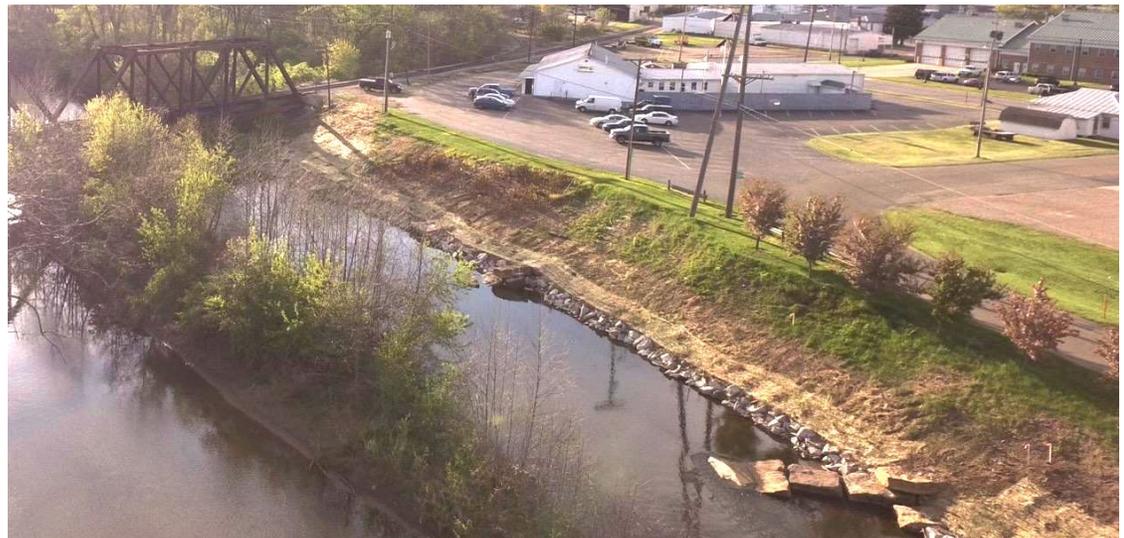
**Photo 1**

**BEFORE Phase 3**  
**of restoration**  
**started**



**Photo 2**

**One month**  
**AFTER Phase 3**  
**of restoration**  
**completed**



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Vernon, Ohio



## WHAT WILL THE DIFFERENCES BE IN THE FUTURE: Kokosing River Restoration Project

### **One day this area may look even more different!**

Efforts to gain approval and funding are starting now for the City to begin a State Route 13 North relocation project. This project will steer SR 13 away from the Kokosing River corridor that it currently runs along.

This project will create a larger, more sustainable, riparian corridor and will allow room for additional stormwater management facilities which will protect the river from discharge. There is currently large amounts of direct stormwater discharge going into the river which is caused from the heavy use of the current SR 13 area and other connected roadways which can be dangerous to the habitats in the river.



***This is an overhead shot of what SR 13 currently looks like. With the future relocation, traffic is going to improve and there will be a decrease stormwater discharge entering our Scenic Kokosing River so it can continue to flourish for the local aquatic habitats it supports.***



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