

# **ATTACHMENT 2**

**GREAT LAKES RESTORATION INITIATIVE**

**LUCAS COUNTY**

**FINAL PROJECT FACT SHEETS**

# 12GLRI-LUCA-02

## Maumee Bay Nature Center Wetland Rain Garden

### Project Sponsor

Maumee Bay Nature Center  
Great Lakes Restoration Initiative (GLRI) Grant  
\$6,987.49

### Local Project Contact

Laurel Ashley  
Maumee Bay Nature Center  
1400 State Park Road  
Oregon, OH 43616

### Environmental Results

Installation of a multiple barrel rainwater storage system

Reconstruction and restoration of 2 acres of wetlands as a rain garden

Planting of 2 acres of wetland species

Treatment/removal of 2 acres of invasive species



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# 12GLRI-LUCA-04

## Lone Oak Subdivision- Storm Water Treatment Demonstration Project

### Project Sponsor

Village of Whitehouse  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$78,265 Federal  
\$26,088 Local Match

### Local Project Contact

Jordan Daugherty  
Village of Whitehouse  
6925 Providence Street  
Whitehouse, OH 43571

### Environmental Results

Retrofitted a 500-foot long street with a cul-de-sac using pervious pavement to demonstrate storm water best management practices on local residential streets

The demonstration project included installation of both porous asphalt and permeable concrete at different locations to compare effectiveness and durability of two different materials



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# 12GLRI-LUCA-05

## Rain Garden P.P.

### Project Sponsor

Lucas County Engineer  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$37,400

### Local Project Contact

Brian Miller  
Lucas County Engineer  
1049 South McCord Road  
Holland, OH 43528

### Environmental Results

Installed 2,900 square feet of  
permeable pavement

Installed 6,720 square feet of  
rain gardens

Project specific education  
and outreach



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# 12GLRI-LUCA-06

## Oregon Bio-retention Facility Community Demonstration Project

### Project Sponsor

City of Oregon  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$103,228.70

### Local Project Contact

Paul Roman  
City of Oregon  
5330 Seaman Road  
Oregon, OH 43616

### Environmental Results

Installation of 4,950 square  
feet of bioretention cell  
demonstrations at a highly  
visible port of the City of  
Oregon's Recreation  
Complex

Project specific education  
and outreach



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# 12GLRI-LUCA-08

## UT Passive Stormwater Treatment Demonstration

### Project Sponsor

University of Toledo  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$32,898 Federal

### Local Project Contact

Cyndee Gruden  
University of Toledo  
2801 West Bancroft Street  
Toledo, Ohio 43606

### Environmental Results

Installed and planted 765  
square feet of bioswale

Installed curb, curb cuts and  
flume to direct flow to bio-  
infiltration system



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# 12GLRI-LUCA-10

## Blue Creek Conservation Area Wetland Restoration

### Project Sponsor

Metroparks of the Toledo Area

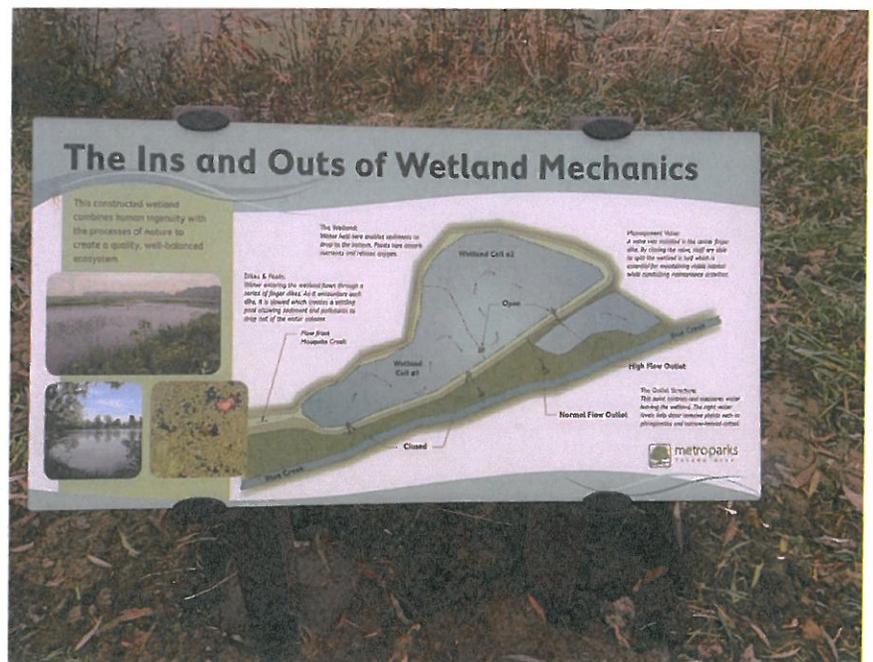
Great Lakes Restoration Initiative (GLRI) Grant  
\$48,225 Federal

### Local Project Contact

Joe Fausnaugh  
Metroparks of the Toledo Area  
5100 W. Central Avenue  
Toledo, Ohio 43615

### Environmental Results

- Restored 5 acres of wetland
- Planted 5 acres of wetland species
- Conducted public education and outreach



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# 12GLRI-LUCA-20S

## Harroun Community Park Storm Water Demonstration

### Project Sponsor

City of Sylvania  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$82,162 Federal  
\$3,429 Local Match

### Local Project Contact

Kevin Aller, P.E.  
City of Sylvania  
6730 Monroe Street  
Sylvania, OH 43560

### Environmental Results

Installed approximately  
1,700 square feet of bio-  
retention cell

Conducted public  
education and outreach



# 12GLRI-LUCA-21S

## UT Tree Filter Bioretention Demonstration

### Project Sponsor

University of Toledo  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$35,154 Federal

### Local Project Contact

Cyndee Gruden  
University of Toledo  
2801 West Bancroft Street  
Toledo, Ohio 43606

### Environmental Results

Installed tree filter  
bioretention system.



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# 12GLRI-LUCA-22

## Permeable Pavement

### Project Sponsor

Lucas County Engineer  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$39,600

### Local Project Contact

Brian Miller  
Lucas County Engineer  
1049 South McCord Road  
Holland, OH 43528

### Environmental Results

Installed 3,600 square feet of  
permeable pavement

Project specific education  
and outreach



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# 12GLRI-LUCA-23S

## Centennial Leadership Center-Building for the Future

### Project Sponsor

Boy Scouts of America-Erie  
Shores Council  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$45,728 Federal

### Local Project Contact

Ed Caldwell  
Boy Scouts of America-Erie  
Shores Council  
5600 West Sylvania Avenue  
Sylvania, Ohio 43623-3307

### Environmental Results

Installed 2,900 square feet of  
permeable pavement

Installed 3,100 square feet of  
community rain garden



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# 12GLRI-LUCA-24S

## Artists' Village Storm Water Project

### Project Sponsor

Toledo Botanical Garden  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$48,675 Federal  
\$86,698 Local Match

### Local Project Contact

Karen Ranney Wolkins  
Toledo Botanical Garden  
5403 Elmer Drive  
Toledo, Ohio 43615

### Environmental Results

Installed 2,500 square feet of  
permeable pavement

Installed 200 square feet of  
community rain garden

Installed 2,250 square feet of  
vegetated infiltration areas



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# 12GLRI-LUCA-25

## Blue Creek Conservation Area Ditch Restoration

### Project Sponsor

Metroparks of the Toledo Area  
Great Lakes Restoration Initiative (GLRI) Grant  
\$79,755 Federal

### Local Project Contact

Joe Fausnaugh  
Metroparks of the Toledo Area  
5100 W. Central Avenue  
Toledo, Ohio 43615

### Environmental Results

Installed 4,074 linear feet of two-stage ditch  
Conducted public education and outreach



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# 12GLRI-LUCA-30

## Toledo Avenue Parking Lot-Storm Water Treatment Demonstration Project

### Project Sponsor

Village of Whitehouse  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$18,000 Federal  
\$116,288.79 Local Match

### Local Project Contact

Jordan Daugherty  
Village of Whitehouse  
6925 Providence Street  
Whitehouse, OH 43571

### Environmental Results

Constructed 1,500 square  
feet of  
bioswale/bioretention cells



Ohio Environmental  
Protection Agency  
Division of Surface Water  
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# 12GLRI-LUCA-31

## Nutrient Reduction for Lake Erie Maumee Bay State Park

### Project Sponsor

Ohio Department of Natural  
Resources  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$5,675

### Local Project Contact

Mark Hoffhines  
ODNR, Ohio State Parks  
2045 Morse Road  
Columbus, Ohio 43229

### Environmental Results

Provided 117 days of Canada  
goose/gull control with  
specifically trained dogs

Installed 4 project specific  
signs at Conducted public  
education and outreach



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# 12GLRI-LUCA-32

## Wolf Creek Floodplain Enhancement Project

### Project Sponsor

City of Oregon  
Great Lakes Restoration  
Initiative (GLRI) Grant  
\$19,870

### Local Project Contact

Paul Roman  
City of Oregon  
5330 Seaman Road  
Oregon, OH 43616

### Environmental Results

Planted 4,800 native Ohio  
wetland plugs and 30 native  
shrubs along floodplains  
adjacent to Wolf Creek

Project specific education  
and outreach



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# 12LUCA-03

## Alternative Street Improvement Demonstration Project

### Project Sponsor

City of Toledo Public Utilities Department  
Match for Great Lakes Restoration Initiative (GLRI) Grant  
\$142,000 Match

### Local Project Contact

Andy Stepnick  
City of Toledo  
600 Jefferson Avenue #300  
Toledo, OH 43604

### Environmental Results

Retrofit one of the numerous unimproved streets with a system of 30 vegetated bioswales. System includes different covers for the bioswales so that varying effectiveness can be monitored



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# 12LUCA-12

## South Erie Street Rain Garden Demonstration Project

### Project Sponsor

Toledo Division of Environmental Services  
Great Lakes Restoration Initiative (GLRI) Grant  
\$7,999.61

### Local Project Contact

Regina Collins  
Toledo Division of Environmental Services  
348 South Erie Street  
Toledo, OH 43604

### Environmental Results

Installed 2,900 square feet of rain garden, which acts as a natural stormwater management system for water running down Kraus Street.



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