

# Aquatic Invasive Species Pathways

Preventing invasive  
Bighead and  
Silver Carp from  
entering Lake Erie

**These efforts are about  
protecting the Great Lakes**

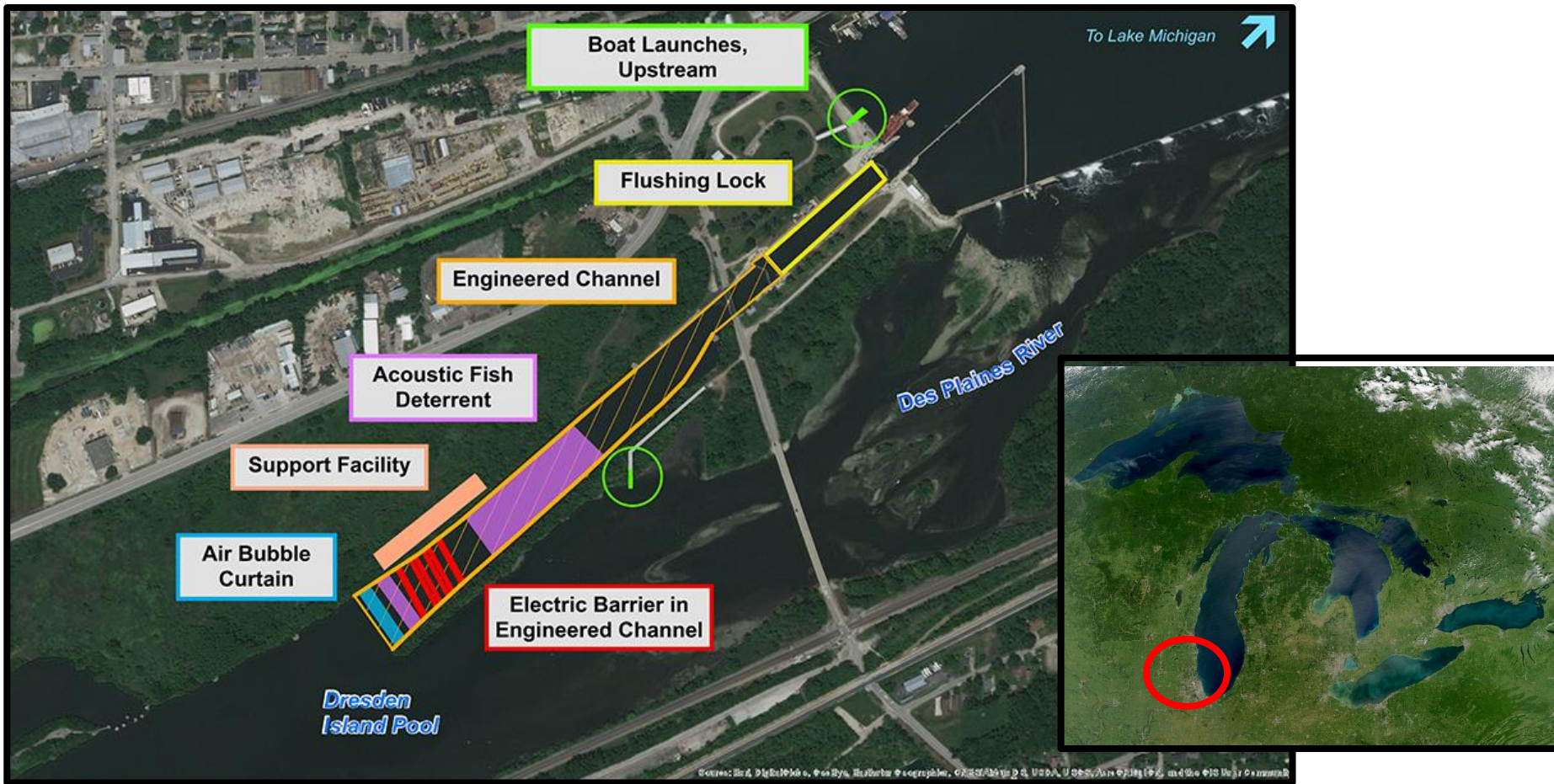


*ODNR Division of Wildlife  
John Navarro, AIS Program Administrator  
Ohio AIS Committee, December 3, 2024*

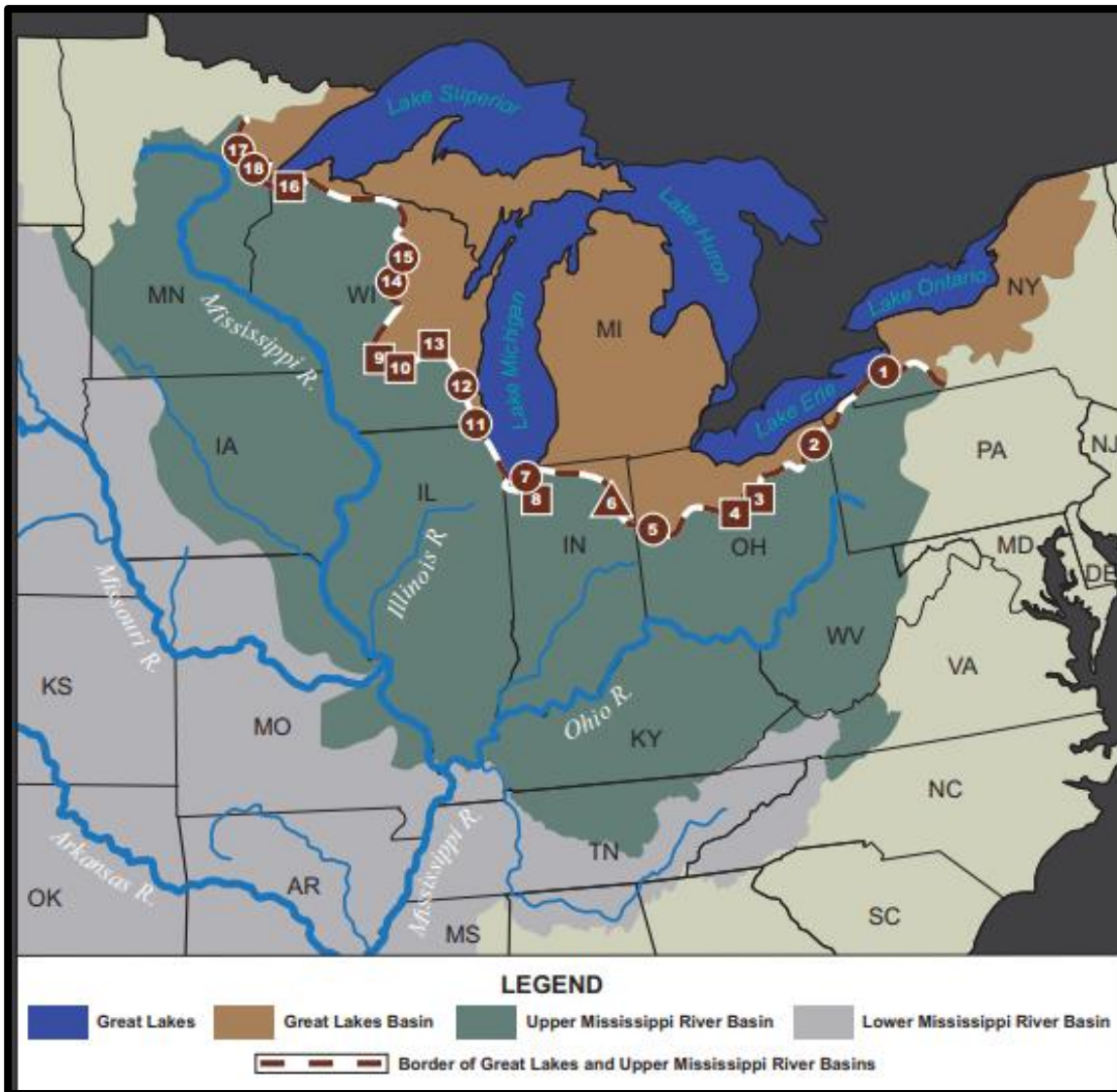


# Chicago Area Waterway System

## Brandon Road Lock and Dam



# GLMRIS: Focus Area 2



- **potential pathways**

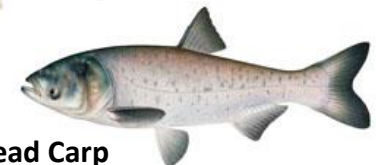
- ▲ high risk (1)
- medium risk (7)
- low risk (10)

- **Ohio pathways**

- ▲ high risk (0)
- medium risk (2)
- low risk (2)



Silver Carp



Bighead Carp

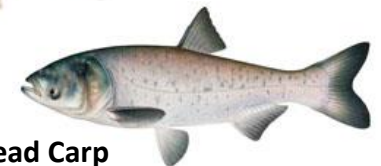
# GLMRIS: Focus Area 2

## Ohio pathways

- 3** OH-Erie Canal (Long Lake)
- 4** Little Killbuck Creek
- 5** Grand Lake St. Marys
- 2** Mosquito Lake (Grand River)



Silver Carp



Bighead Carp



# Medium Risk: Little Killbuck Creek



*from Little Killbuck Creek (Ohio River Watershed)  
to the Black River (Lake Erie Watershed)*

Lake Erie  
Watershed

Aquatic Pathway

Ohio River  
Watershed



# Medium Risk: Little Killbuck Creek

## Risk Reduction Project (lead: ODNR)

- construct or modify 4 miles of berm, road elevation, water management, screening
- two landowners (MCPD, Hall Growers)
- prioritize phases based on flood risk
- initiated construction of phase I in 2024 (\$2 M)

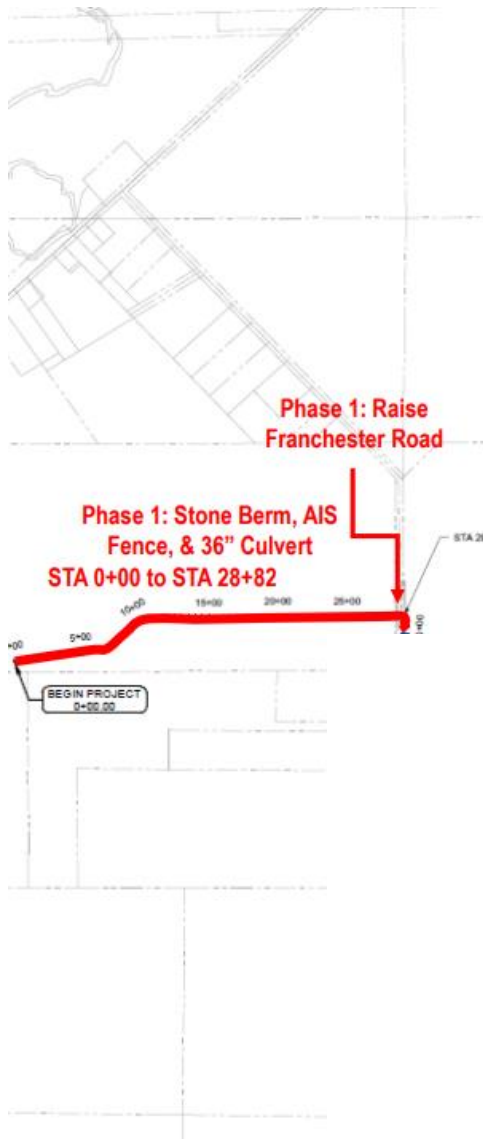


# Medium Risk: Little Killbuck Creek

Phase	Frequency of Possible AIS Passage	Color Code
<b>1</b>	1-Year or Less	<b>Red</b>

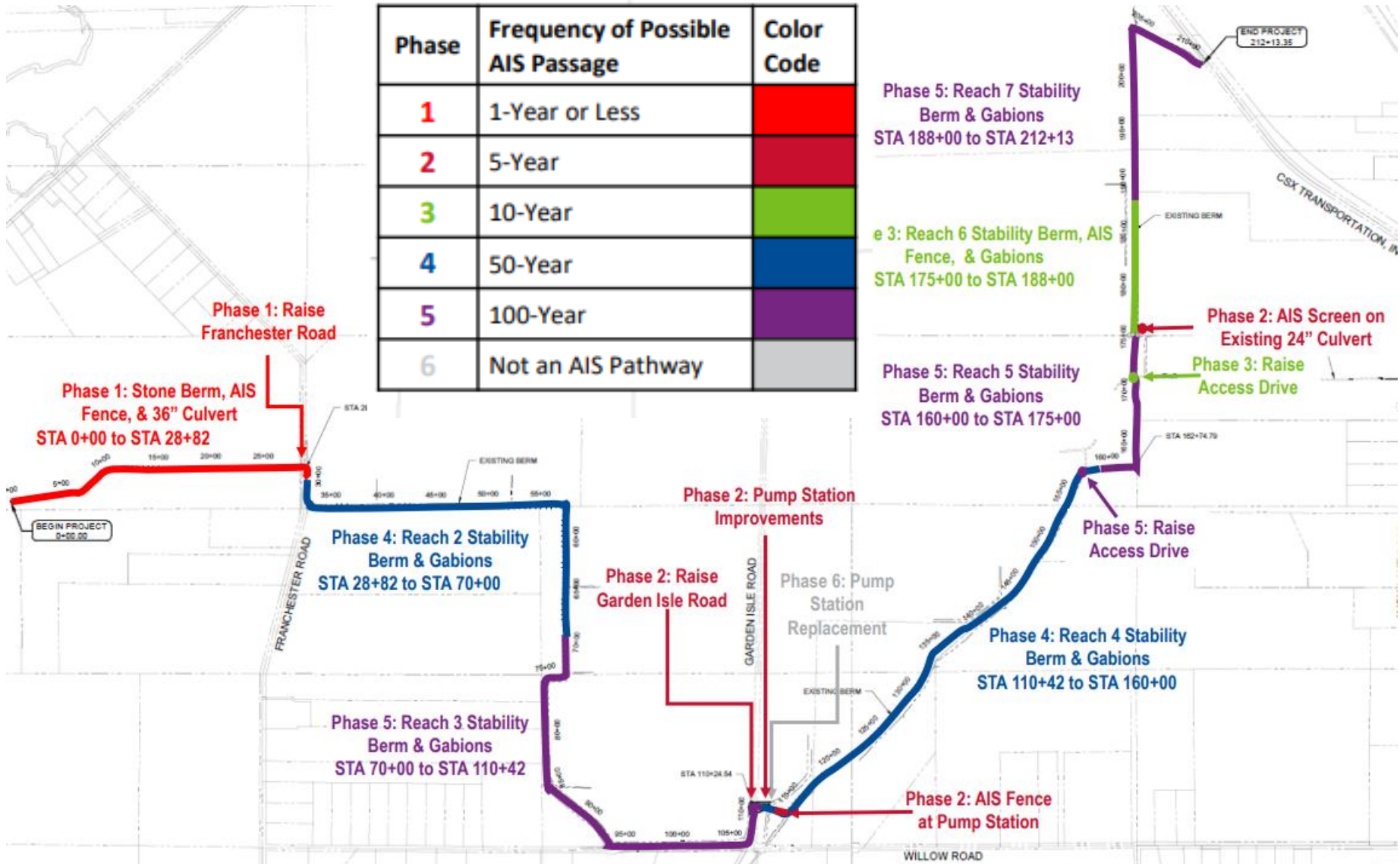
## Phase I (3/2024)

- MCPD parcel
- H2Ohio project
- berm construction
- wetland mitigation
- storm catchment



# Medium Risk: Little Killbuck Creek

Phase	Frequency of Possible AIS Passage	Color Code
1	1-Year or Less	Red
2	5-Year	Red-Orange
3	10-Year	Green
4	50-Year	Blue
5	100-Year	Purple
6	Not an AIS Pathway	Grey



# Summary

## GLMRIS Focus Area 2 in Ohio: Risk Reduction Advancing

- ✓ Participating in the Brandon Road L&D Effort
- ✓ Medium Risk: OH-Erie Canal Completed May 2020
- ✓ Medium Risk: LK Creek construction began October 2024
- ✓ Low Risk: both projects off the books

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