

# DAM REMOVAL & MODIFICATION

# GREAT MIAMI RIVER

## DAM REMOVAL & MODIFICATION



# PROJECT DESIGN TEAM



# WHAT HAVE WE BEEN UP TO?

- **Survey**
- **Hydraulic modeling**
- **Working with stakeholders**
  - Piqua (Recreation and restoration)
  - MCD (Flood control management)
  - OEPA – WRRSP (River restoration)
  - USFWS (Fish passage)
- **Secured Project Funding**
  - WRRSP Program (Existing)
  - H2Ohio (***New***)
  - USFWS Fish Passage (***New***)

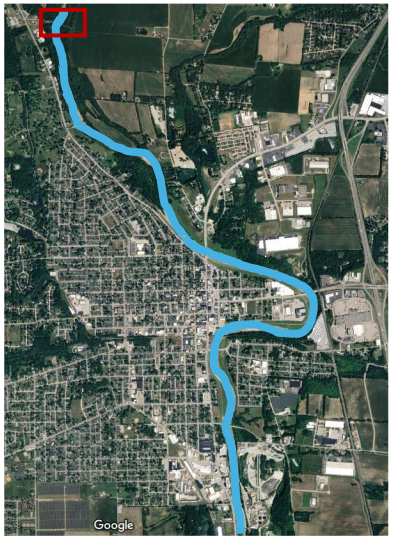
# PROJECT GOALS

- **Create & maintain recreational access**
- **Create habitat for aquatic species**
- **Enhance user experience of trail and river**
- **Reduce bank erosion**

**Everything we are proposing to implement aims at achieving at least one of these goals**

CONSTRUCTED RIFFLE

GREAT MIAMI RIVER



WATER INTAKE DAM





VANE ARM

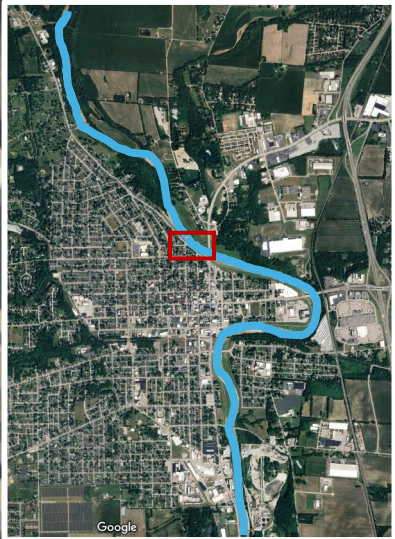
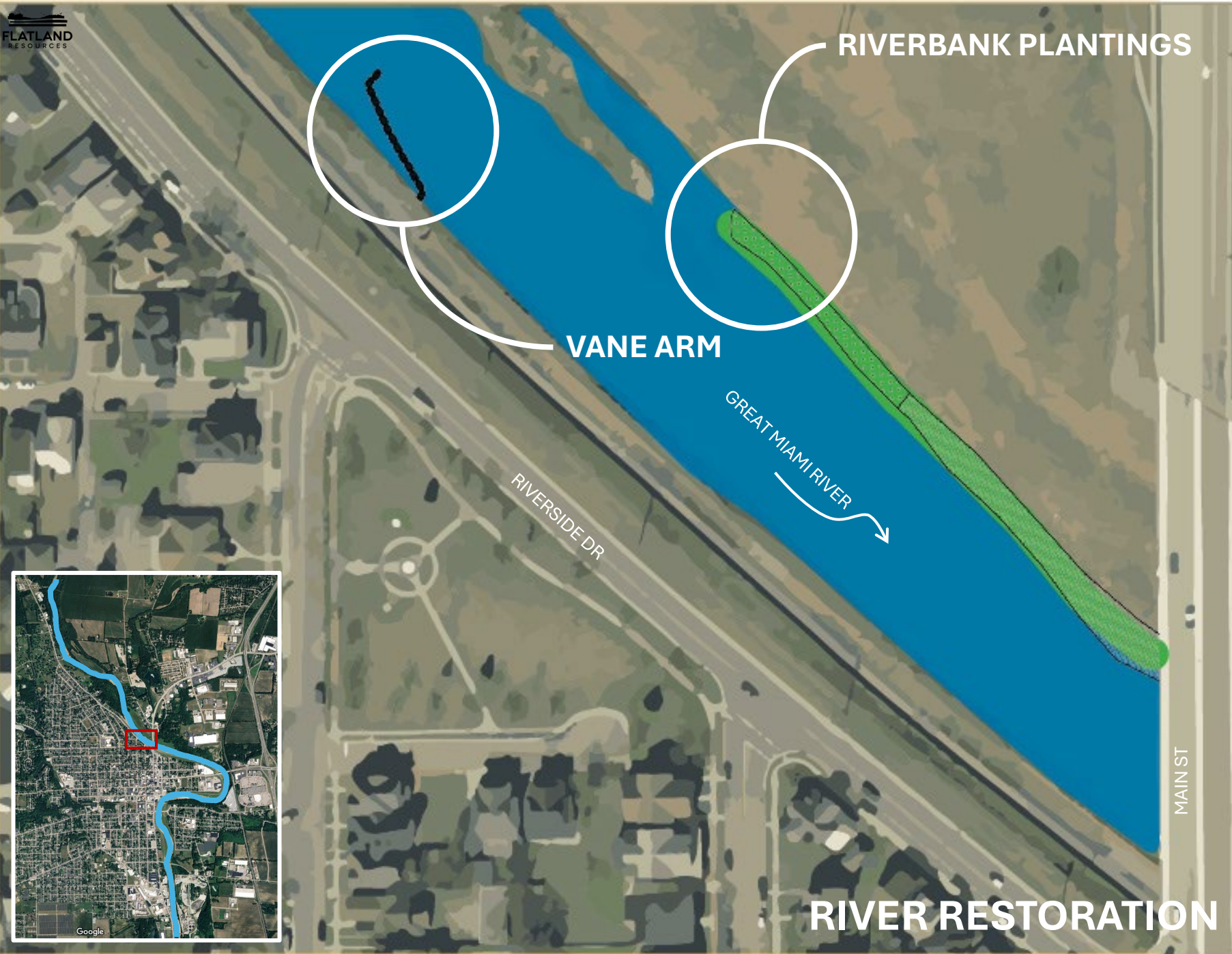
GREAT MIAMI RIVER

RIVERSIDE DR



# RIVER RESTORATION







RUSH CREEK

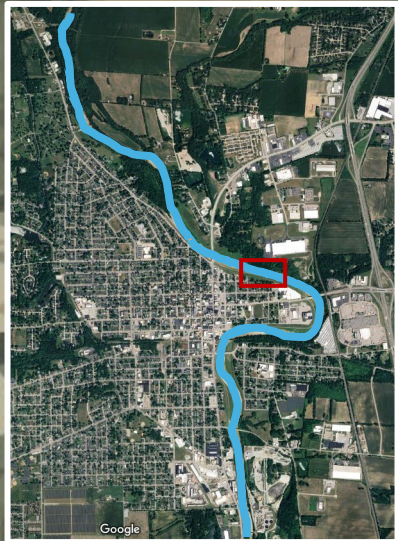
VANE ARM

RIVERBANK PLANTINGS

GREAT MIAMI RIVER

TOEWOOD

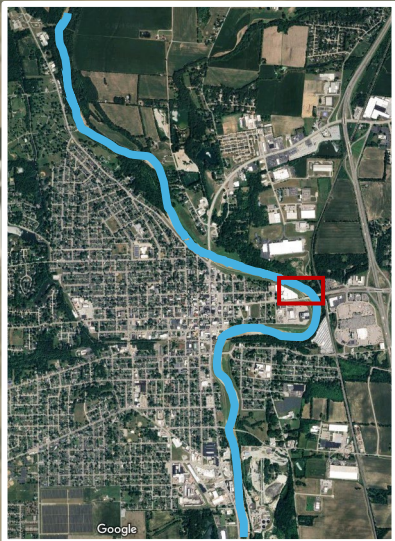
RIVER RESTORATION

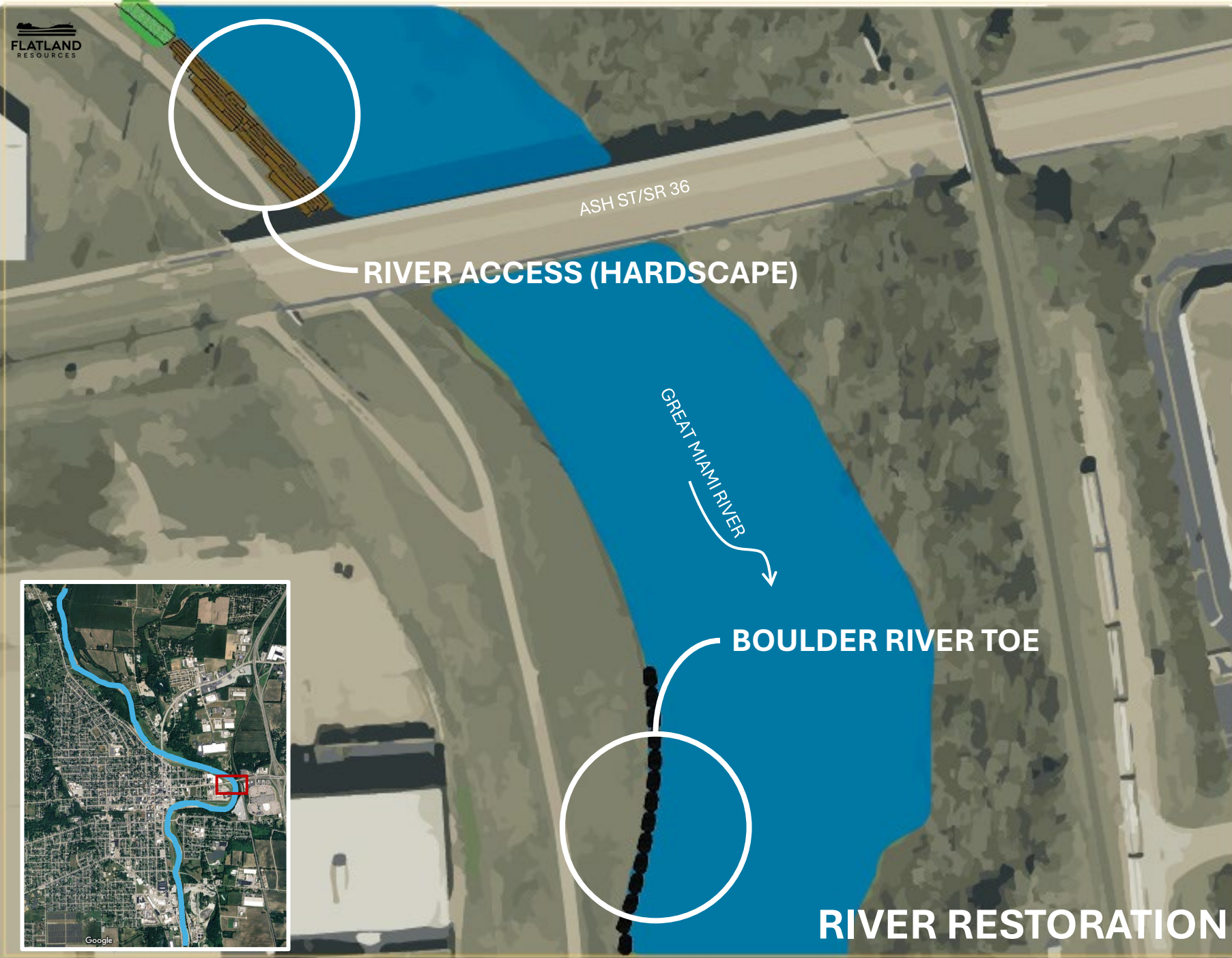


RIVERBANK PLANTINGS

GREAT MIAMI RIVER

RIVER RESTORATION



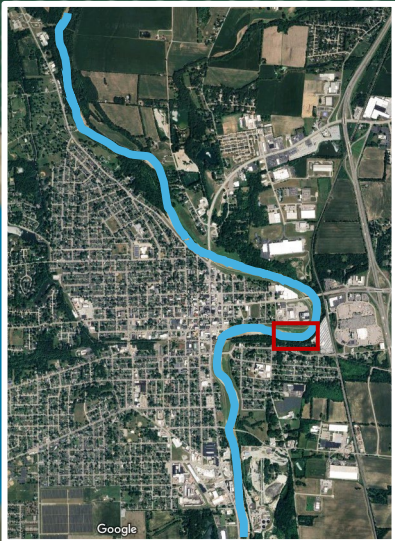


BOULDER RIVER TOE

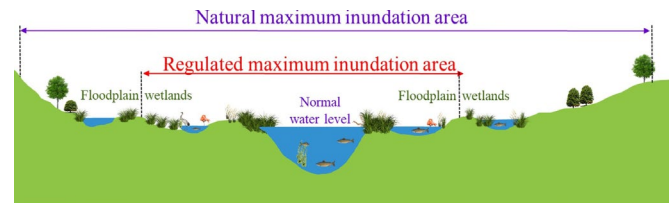
GREAT MIAMI RIVER

FLOODPLAIN WETLAND

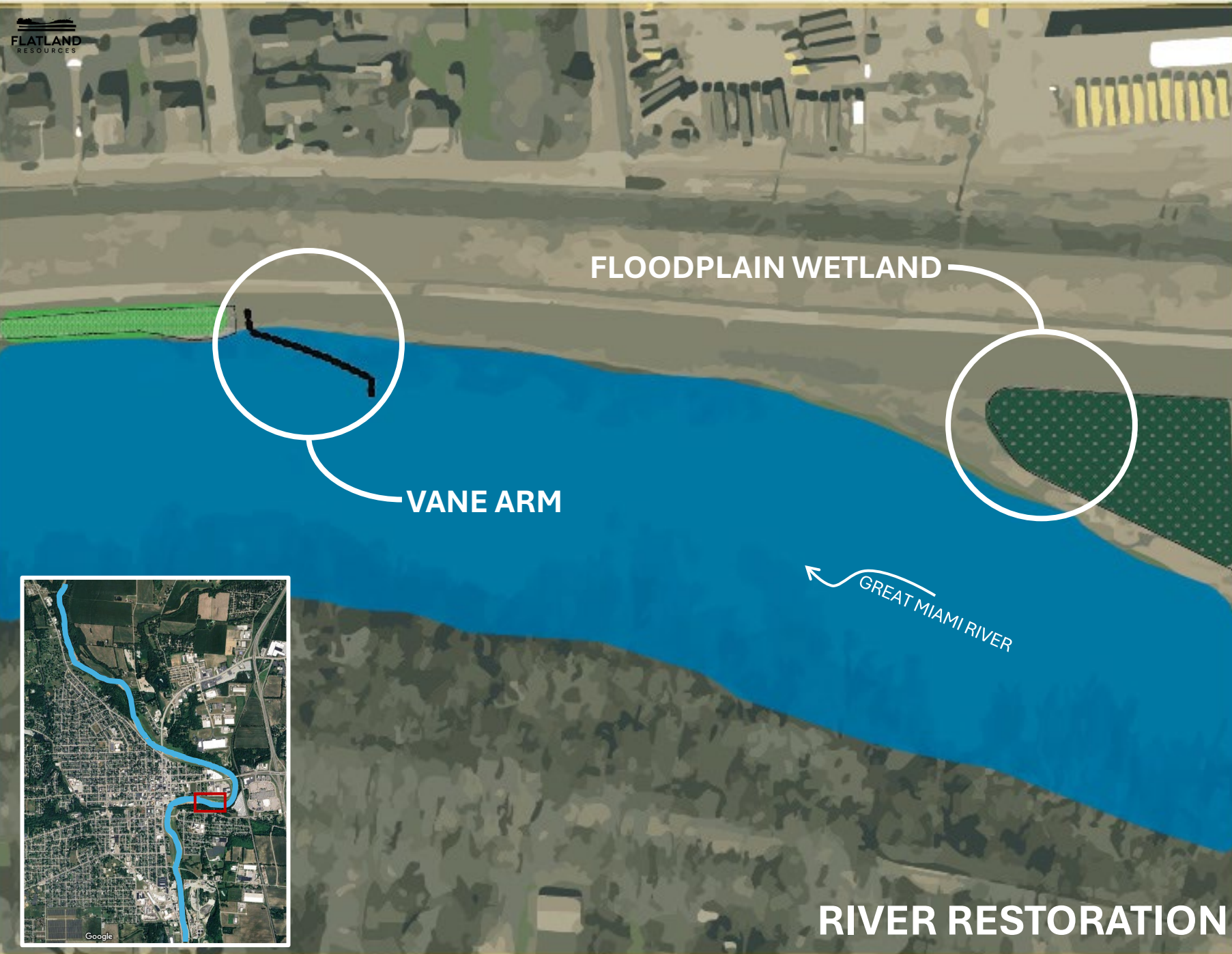
RIVER RESTORATION



BOULDER RIVER TOE

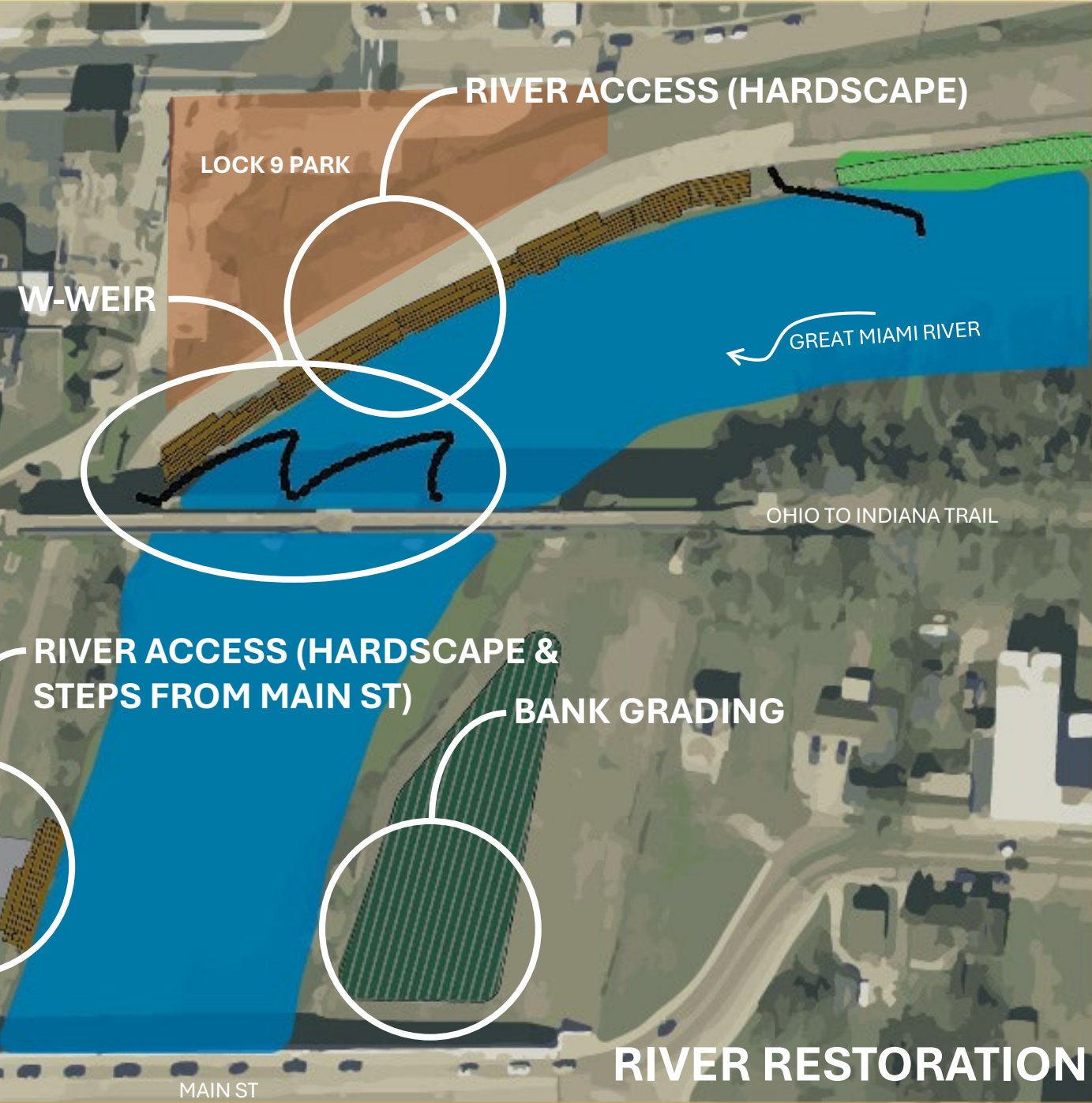
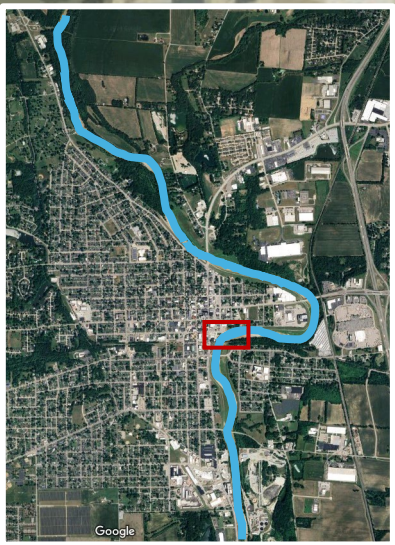


FLOODPLAIN WETLAND





**RIVER RESTORATION**



RIVER ACCESS



W-WEIR



FLOODPLAIN WETLAND

**RIVER RESTORATION**

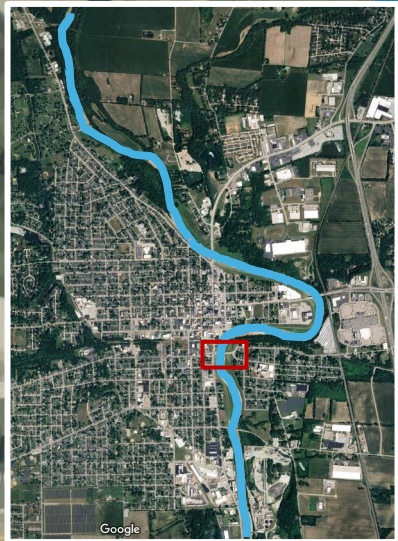
MAIN ST

VANE ARM

1ST ST

BANK GRADING

GREAT MIAMI RIVER



RIVER RESTORATION



FLOODPLAIN WETLAND

CONSTRUCTED RIFFLE

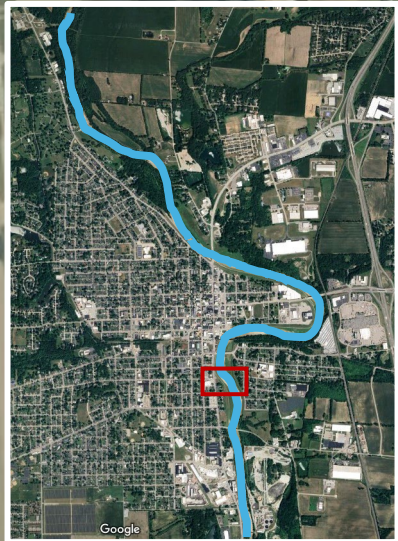
CLEVELAND ST

VANE ARM

FLOODPLAIN WETLAND

GREAT MIAMI RIVER

RIVER RESTORATION



CONSTRUCTED RIFFLE



CONSTRUCTED RIFFLE



CONSTRUCTED RIFFLE

MAIN ST

TOEWOOD

5TH ST

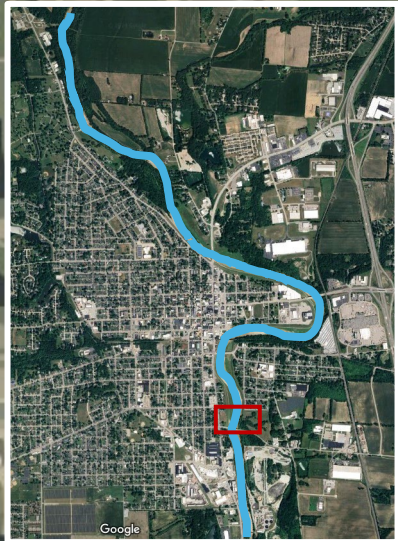
CONSTRUCTED RIFFLE

GREAT MIAMI RIVER

CANOE LAUNCH &  
RIVER ACCESS

GARNSEY ST

RIVER RESTORATION



TOEWOOD



CANOE LAUNCH



CONSTRUCTED RIFFLE

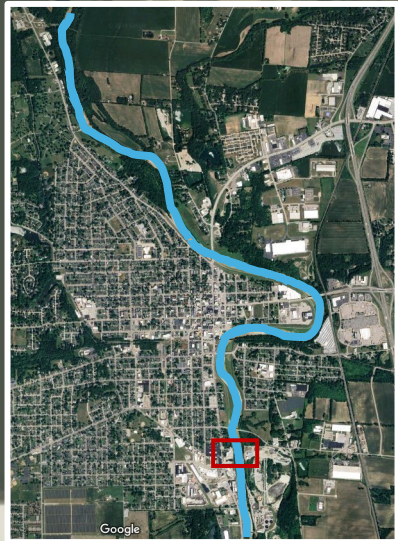
RIVERBANK PLANTINGS

CONSTRUCTED RIFFLE

GREAT MIAMI RIVER

GARNSEY ST

MAIN ST



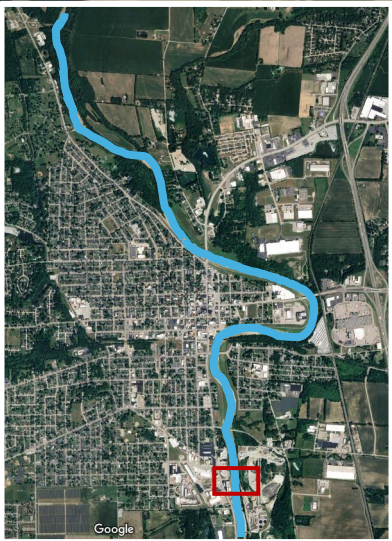
RIVER RESTORATION



MAIN ST

GREAT MIAMI RIVER

# RIVER RESTORATION

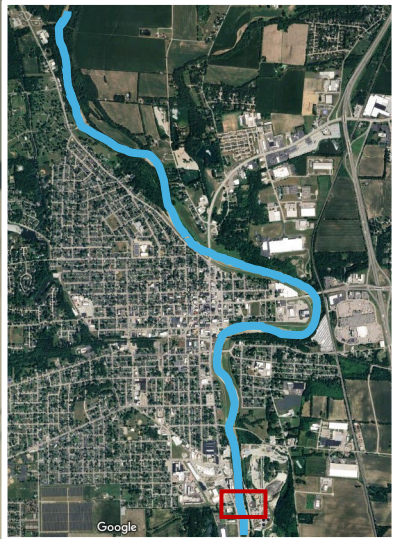


CONSTRUCTED RIFFLE

FOCUS ON RIVER ACCESS

GREAT MIAMI RIVER

RIVER RESTORATION



# PROJECT NEXT STEPS

- **Coordination w/ Stakeholders**
- **Continue Design Development**
- **Begin Permit Applications**
- **Allocate Funding**
- **Construction Fall of 2025**

# QUESTIONS & COMMENTS