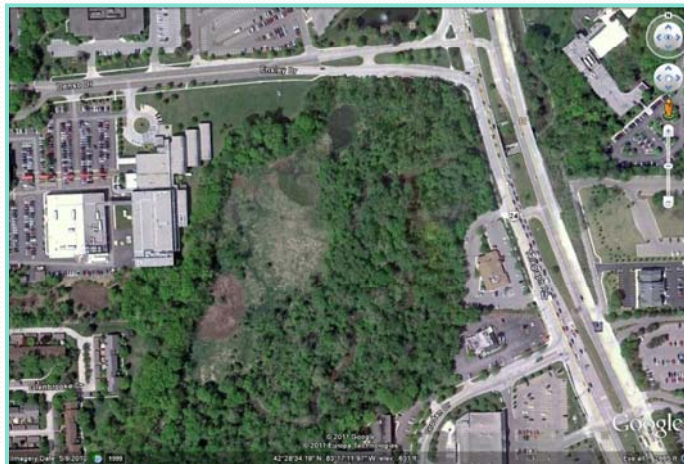


Great Lakes Restoration Initiative: GLRI 1: Transforming the Rouge Lola Valley Park in Redford Township

- 10 acres of native plantings will be installed in Lola Valley Park in Redford Twp. in the Upper Subwatershed
- Another 5 acres will be installed in the Lower Rouge Parkway



Great Lakes Restoration Initiative: GLRI 1: Transforming the Rouge Valley Woods Wetland Restoration



Great Lakes Restoration Initiative:

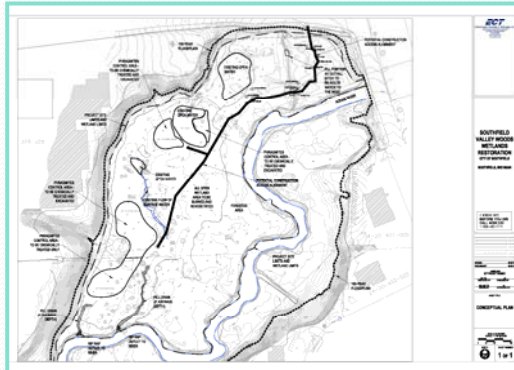
GLRI 1: Transforming the Rouge Valley Woods Wetland Restoration



Great Lakes Restoration Initiative:

GLRI 1: Transforming the Rouge Valley Woods Wetland Restoration

- 7 acres of restored wetlands
- Herbicide treatment of phragmites
- Dredging/Removal 2,000 cyds of phragmites/sediment for open wetland water habitat
- Fill erosion drains
- Burn Treatment of open area wetlands
- Re-vegetation of wetland with native species



Great Lakes Restoration Initiative: GLRI 2: Danvers Pond Dam Removal And Stream Restoration



Great Lakes Restoration Initiative: GLRI 2: Danvers Pond Dam Removal And Stream Restoration

• Project Outcomes & Outputs

- Reduce the Benthos, Fish and Wildlife Beneficial Use Impairments (BUIs) for the Rouge Area of Concern (AOC) 6.5 miles of stream opened for fish
- Approximately 300 feet of stream channel enhancement
- Approximately 2 acres of floodplain habitat restored with Michigan native species
- Progress on Watershed Management Plan Goals (Project is a Main 1-2 Subwatershed Management Plan Action Item)



Great Lakes Restoration Initiative: GLRI 2: Danvers Pond Dam Removal And Stream Restoration

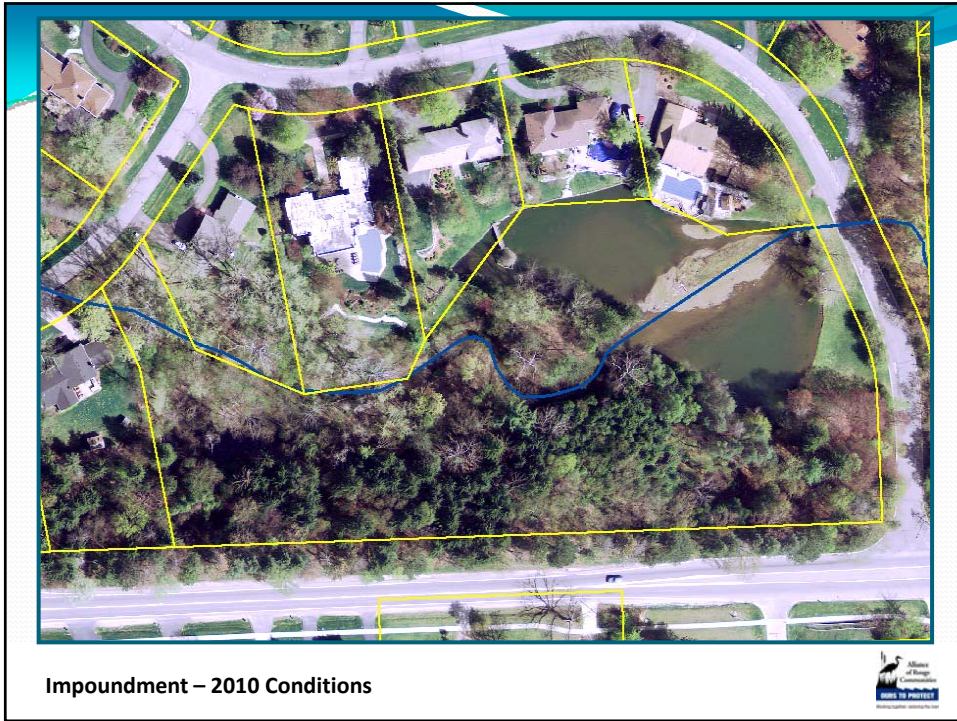


Existing Conditions: Failing Dam



Impoundment – 2006 Conditions




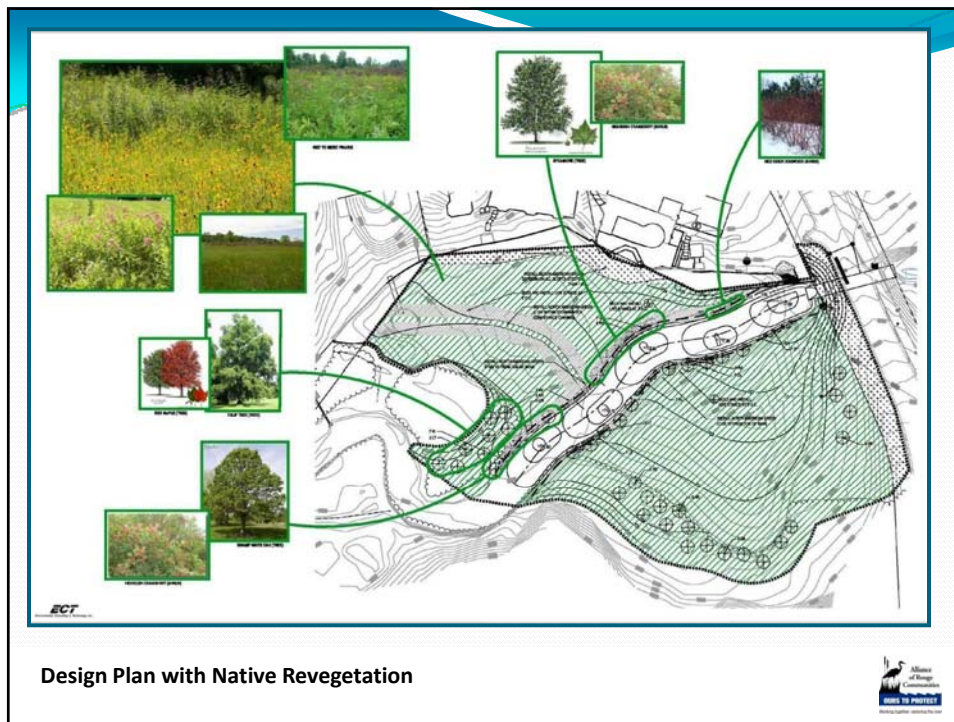


Great Lakes Restoration Initiative: GLRI 2: Danvers Pond Dam Removal And Stream Restoration

- **Step-pool Threshold Channel**
 - Creates stable stream channel
 - Protects adjacent private property
 - Provides flood plain storage
 - Incorporates natural channel form
 - Limits sediment transport
 - Provides aquatic habitat*
 - Provides fish habitat*

** Specific Goals of the Great Lakes Restoration Initiative Grant*





RPO Round X (NOAA for Implementation): Wayne Road Dam Removal and Stream Restoration



RPO Round X (NOAA for Implementation): Wayne Road Dam Removal and Stream Restoration

- **The project will:**

- Reconnect 22 miles of the Lower Rouge River (125 miles of its tributaries) back to the Great Lakes
Restore fish passage by removing the Wayne Road dam
- Insure that the streambed remains stable and protect integrity of the bridge and utilities
- Stabilize the streambank immediately upstream of the dam (north bank) and downstream of the dam (north bank)



RPO Round X (NOAA for Implementation): Wayne Road Dam Removal and Stream Restoration

The project components are:

- Removal of the Dam and Upstream Impounded Sediment
- Construct Riffle/Boulder Cascade
- Realignment of downstream channel
- Remove Island, Construct Bankfull Benches on Both Sides of Channel
- Repair Bank erosion upstream



SPAC: Developing a Coordinated Effort to Address Rouge AOC Beneficial Use Impairments (BUIs)

- Update the BUI Delisting Strategy developed in 2010
- Develop a Delisting Strategy Template (Upper Sub watershed)
 - Develop a subwatershed map that shows ongoing projects and planned projects; prioritize projects for grant funding.
- Coordination of AOC activities

Table 1: Project Status Log

Project Name	Priority	Status	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	Phase 9	Phase 10
Project A	High	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project B	Medium	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project C	Low	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project D	High	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project E	Medium	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project F	Low	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project G	High	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project H	Medium	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project I	Low	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project J	High	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project K	Medium	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project L	Low	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project M	High	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project N	Medium	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project O	Low	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project P	High	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Q	Medium	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project R	Low	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project S	High	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project T	Medium	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project U	Low	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project V	High	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project W	Medium	Planned	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project X	Low	Not Started	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Y	High	Completed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Z	Medium	In Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

