**Sterling Relief Drain**

**Daylighting & Green Infrastructure Retrofit**

**Sterling Relief Characteristics**
- 1,870 acre urban drainage district
- Located in Sterling Heights (fourth largest city in the state)
- District is 30% impervious surface.
- Drain ultimately empties in to Lake St. Clair
- Provides drainage to three auto assembly plants and several major defense contractors.

**Project Details**
- Two miles of green infrastructure improvements (between Schoenherr and Van Dyke roads.)
- Intercept 28 lateral storm drains
- Capturing and infiltrating 156.6 million gallons of urban storm water runoff per year or 46% of total yearly runoff from district
- Plant thousands of trees, plants, and pollinator plants.
- 3,488 lbs of Nitrogen will be prevented from entering the system each year
- 616 lbs of Phosphorus will be prevented from entering the system each year
- 233 lbs of sediment captured per year which is 68% of the yearly sediment load
- Part of Green Macomb Urban Forestry Partnership
- Creation of butterfly flyway in drain property

**Funding Partners:**
- $1.25 Million — U.S. Environmental Protection Agency
- $602,183 — National Fish & Wildlife Foundation Sustain Our Great Lakes Program

"This project will make a transformational change to view this property not only as a critical component of infrastructure, but as an asset to enhance the quality of life for area residents."

- Candice S. Miller
  Macomb County Public Works

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**STERLING RELIEF DRAINAGE DISTRICT**

4,319 Acres 27,573 People

Urban drainage area managed by the Sterling Relief
Population living within the urban drainage district