

City of Ann Arbor Green Infrastructure

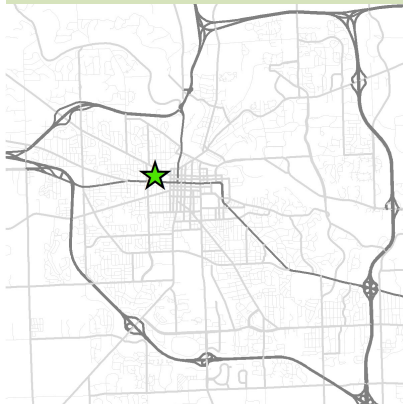
West Park Stormwater Management

- **Completed:** 2012
- **Design Cost:** \$550,000
- **Construction Cost:** \$2,900,000
- **GI Funding:** Stormwater Utility Fund, State Revolving Fund – Low Interest Loan / (ARRA) - 50% Loan Forgiveness
- **Partners:** City of Ann Arbor Parks and Recreation, Washtenaw County Water Resources Commissioner



Green Infrastructure:

- 8—12 foot diameter Hydrodynamic Separators,
- 5 extended detention basins
- Bioswales
- Constructed wetlands
- Rerouted runoff from Seventh Street overland through the park



In 2010, the City undertook a major project to enhance stormwater management within West Park, which included features such as:

- Eight Aqua-Swirl AS-12 hydrodynamic separators, to remove sediments and pollutants from the runoff from 760 acres of contributing Allen Creek watershed area;
- Five detention basins;
- A series of bioswales and wetlands to help remove pollutants from surface water runoff;
- Disconnection of stormwater drainage from over 2 acres of impervious area along North Seventh Street from the underground pipe, instead discharging the stormwater runoff to the surface through

the bioswales and wetlands, thus receiving additional treatment.

In addition to the stormwater improvements, the project included other park amenities such as:

- Seating built into the hill in front of the band shell and an art installation
- New access stairs from the Huron entrance
- New pathways from Seventh Street
- Relocation of a basketball court out of the floodway
- A community garden
- Regrading open field play areas for better drainage
- Boardwalk through the wetland/pond area

