



Rouge Growing Green

A Series of Green Infrastructure Workshops



Alliance
of Rouge
Communities

OURS TO PROTECT

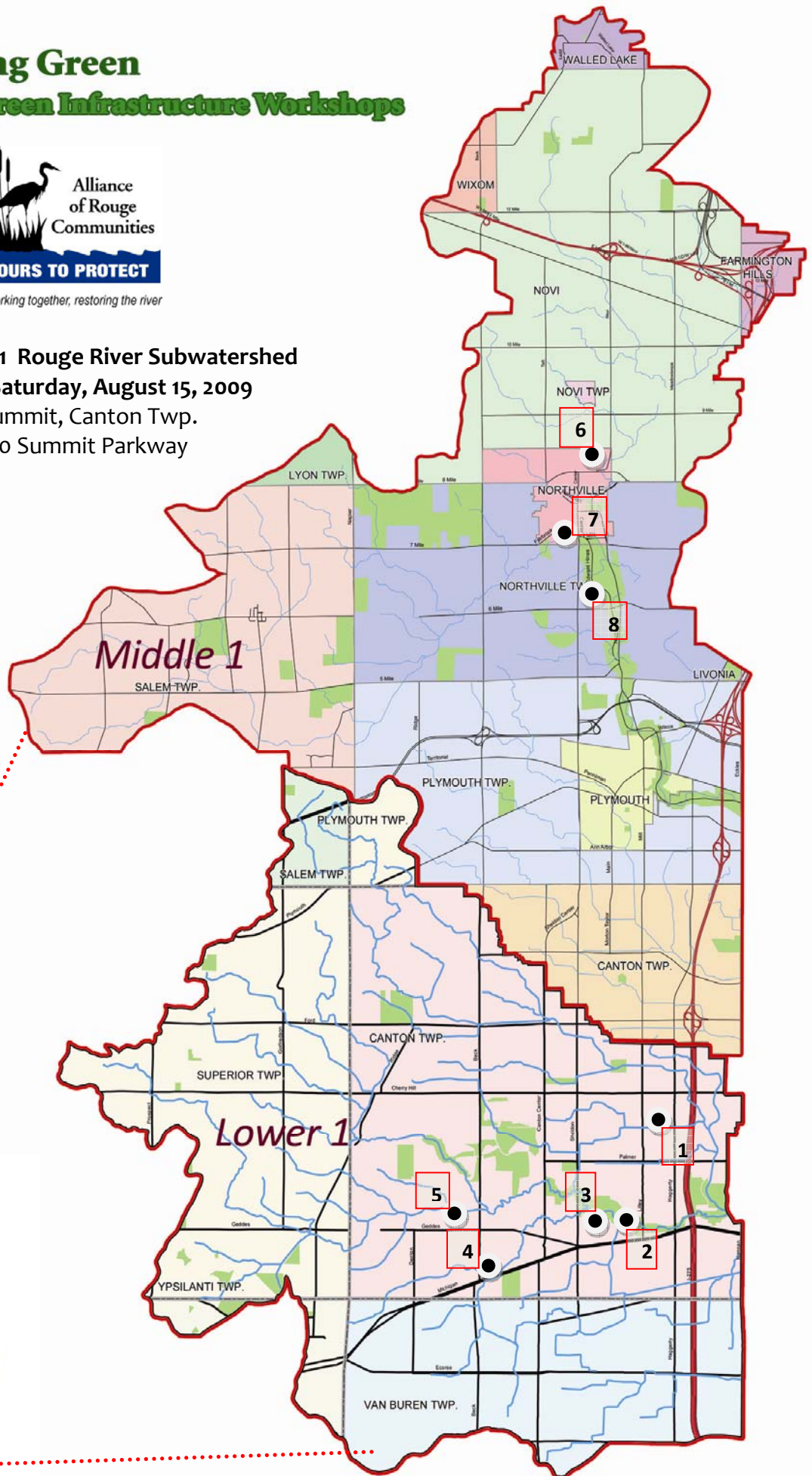
Working together, restoring the river

Middle 1/Lower 1 Rouge River Subwatershed

Bus Tour - Saturday, August 15, 2009

The Summit, Canton Twp.

46000 Summit Parkway





Working together, restoring the river

Middle 1/Lower 1 Rouge River Subwatershed Bus Tour

1. Field Elementary School, Canton Township (west side of Haggerty between Palmer and Cherry Hill): In 2008, Field Elementary School added a frog pond and wildflower garden to its outdoor educational resource at the Truesdell Creek Project. The frog pond concept was developed by teacher Rick Plecha and four classes of 2nd grade students. Native shrubs, trees and native flowers are included for cover and wildlife habitat. (9:15 a.m.)
2. *Drive-by:* Rouge Sanitary Relief Sewer and Trail Projects (Lilley, just north of Michigan) This project, located in the flood plain with some wetlands, was constructed in 2007-08. Extensive tree and shrub plantings were accomplished by contractors and volunteers.
3. Lower Rouge Trail, Canton Township (Morton Taylor north of Michigan Ave.): Construction of a non-motorized trail system along the Lower Rouge River began in Fall of 2007 in an effort to bring people to the water. The trail features wetlands, native vegetation, developing oxbows and forested areas and bluffs. Construction of the entire trail system is a multi-phase project that when completed will run along a four-mile stretch of the scenic Lower Rouge River from Canton Center to Hannan Road. (9:50 a.m.)
4. *Drive-by:* Crossroads Village Shopping Center (Michigan at Beck Road): In 2007, 1100 feet of the Sines Drain was relocated from the middle of the site to the southwest corner of the site where it meanders through a 70-foot wide easement. The bottom of the drain features a series of pools and riffles. The area was planted with native trees, shrubs, wetland plugs and seeded with an emergent wetland mix and a basic prairie mix.
5. Central Park South, Canton Township (north of Geddes, west of Beck): This detention pond was retrofitted between 2007-08. The construction work included dredging, installation of wetland plants, a native buffer and fish stocking. (10:30 a.m.)
6. Allen Drive Park, Northville (north of Eight Mile Road at Novi Street): This three acre city-owned green space was adopted by resident Selena Browne in 1997. It is a ribbon flood plain with remnants of a flood plain forest. She created a wet prairie using Michigan wildflowers, forbs and prairie mixture, including cup plant, Joe Pye weed and ironweed. The site features silver maple, an approximately 200-year old burr oak, cottonwood and sycamore trees. (11:15 a.m.)
7. Bennett Arboretum, Northville (Hines Drive and Seven Mile Rd.): The Bennett Arboretum Wildflower Grow Zone Project, installed in 2007, focuses on providing wildlife habitat and a riparian buffer, while being visually attractive. This two-acre project is one of 12 grow zone areas along Hines Drive. (11:45 a.m.)
8. *Drive-by:* Wayne County Parks Grow Zones, Northville Township (Hines Drive near Bennett Arboretum) In 2005, Wayne County Parks made a commitment to improve water quality and wildlife habitat in Edward Hines Park, the largest riparian park in Wayne County. In partnership with Wayne County Dept. of Environment, they used a state grant to convert 13 acres of turf grass in 12 areas into native landscape at spots along Hines Drive east to Ford Road.

Other points of interest:

Crosswinds Community Church, (north of Cherry Hill, between Canton Center and Beck) Three bioswales, seeded with a storm water mix, were installed in 2007 to treat storm water from the roof and the parking lot.

POCO, Inc. (Sheldon Road, just south of Michigan) In 2008, a series of six bioswales were constructed and tied together with two detention basins to satisfy storm water management requirements. The bioswales are seeded with a wet meadow mix; the basin bottoms with an emergent wetland mix; the basin edges with a sedge meadow mix and the upper slopes with a basic prairie mix.

River Meadow (north of Geddes between Canton Center and Beck): This 1.6 acre dry detention basin was retrofitted in 2006. The basin bottom was seeded with sedge meadow; the upper slopes were seeded with a basic prairie seed mix.