

RELATED EXPERIENCE

OAKLAND UNIVERSITY GALLOWAY CREEK EROSION AND SEDIMENTATION CONTROL

Location:	Oakland County, MI
Construction Date:	2008
Construction Cost:	\$200,000
Client:	Oakland University
Contact:	James Tallman, P.E. Facilities & Operations (248) 370-2161

J&A was commissioned by Oakland University to develop and design a stormwater management strategy to address the severe erosion on the west bank of Galloway Creek north of Meadow Brook Road. The erosion had occurred over a period of years and degraded the stability of the adjoining slopes. This project was partially funded by a grant in the amount of \$75,000 from the Great Lakes Commission.

J&A and its subconsultant, InSite Design Studios, Inc., teamed up to develop, design and implement a strategy to address the erosion and its source. The features included a blend of structural measures, such as gabion baskets, parking lot inlets, pretreatment tanks, and environmental measures such as plantings, bio-logs, and prairie grass and rain gardens.

The project has been reduced in its initial scope due to budget limitations. The funded portion includes the gabion baskets, bio-logs, and site restoration. The unfunded phase includes plantings, inlet controls, a pre-treatment structure, prairie grass, and rain garden.

