



Client

Economic Development
Corporation of the
City of Detroit

Client Contact

Ms. Donna Simons
Project Manager
313.237.4608

Giffels Webster Contact

Scott Clein, PE
LEED AP
President/Partner

Michael Marks, PE
Senior Project Manager

Completion Dates:

Phase I—2005
Phase II—2007

Services Provided

Civil Engineering
Surveying

Giffels Webster completed the design of this \$7.8 million infrastructure rehabilitation project in one of Detroit's oldest neighborhoods. Eight adjacent road segments were completely reconstructed, along with the installation of new storm sewers and decorative street lighting systems. In addition, Brush Street was converted from one-way to two-way traffic upon the completion of the project and two street segments previously closed to vehicular traffic were reopened. Each of these segments presented different challenges, including the coordination of designs with those for the replacement of water main by the Detroit Water and Sewerage Department and the designs for several private developments adjacent to the effected rights-of-way.

Giffels Webster facilitated study sessions with multiple stakeholder groups in order to obtain consensus on the design concepts. Planning and technical advisory groups were established to better direct the flow of communication during this process. Traffic calming measures were introduced into the design to help ensure that the residential nature of the neighborhood was not negatively impacted by motor vehicles.

In addition, Giffels Webster managed the consulting team responsible for the preparation of a complete survey (topographic, utility, and boundary), infrastructure design, street lighting and traffic signalization, geotechnical investigations, and Phase I and II Environmental Site Assessments. Giffels Webster prepared all survey and engineering designs for the project.

Due to funding constraints, the project was split into two phases, and the design of detailed construction sequencing was required for detour planning. Phase I included the reconstruction of portions of Edmund Place, Watson, Wilkins, John R, Brush Street, and Beaubien. Phase II included construction of the remaining portions of John R, Brush Street, Beaubien, Erskine, and Eliot, and was completed in the summer of 2007.