



### **NTH'S VALUE ADDED**

Innovative remedial action plan – tied remediation to construction, delivered on "just-in-time" basis

Combined geotechnical and environmental services – reduced costs, expedited design schedule

Remedial investigation – innovative techniques included geophysics, pipe tracing, and substructure inventorying

## **Fort & Clark Street Industrial Site Redevelopment**

The wheels of industry are turning once again on a vacant parcel of property in southwest Detroit. From 1911 until the late 1970's, the 16-acre site at Fort and Clark Streets was devoted to the manufacturing of axles and other component parts for the automotive industry.

Vacant since the early 1980's, the site was the first project in the city of Detroit to receive development assistance from the Michigan Department of Environmental Quality's (MDEQ's) new Site Reclamation Grant Program.

Retained by the Detroit Economic Growth Corporation, NTH Consultants began work on the site in late 1993, working closely with the MDEQ. The grant was given to the City of Detroit to investigate levels of soil and groundwater contamination and develop a feasible plan for controlling environmental contaminants at the industrial property. This landmark project represented the first opportunity for the state and city to work together on the redevelopment of a typical industrial site.

NTH completed an extensive remedial investigation (including two geophysical surveys). NTH prepared and presented the Remedial Action Plan (RAP) in a public hearing and received MDEQ approval to proceed.

The project team implemented the RAP successfully through on-site oversight. A separate team of NTH professionals completed pre-construction geotechnical studies and construction monitoring for the new owner.

The new intermodal terminal is operational. It represents \$17 million in new investment and 400 new jobs in the City of Detroit. Over \$700,000 in grant funding was returned to the State when the project was completed under budget.

This project received state and national recognition from the Engineering Society of Detroit, ACEC and MSPE.