

**Client**

Economic Development  
Corporation of the  
City of Detroit

**Client Contact**

Mr. Rob Millard  
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**Giffels Webster Contact**

Scott Clein, PE  
LEED AP  
President/Partner

**Completion Date**

2002

**Services Provided**

Civil Engineering  
Surveying



Giffels Webster performed an in-depth study related to floodplain impacts on the east side of Detroit from Waterworks Park to the City of Grosse Pointe Park. The study was initiated by the Economic Development Corporation (EDC) in response to the increase in the 100-year floodplain elevation being proposed by the U.S. Army Corp of Engineers and FEMA.

Giffels Webster collected and reviewed all available topographic information and developed potential improvement alternatives to mitigate the impacts of the proposed change to the Flood Insurance Rate Map. A comprehensive report was generated and discussed with the City of Detroit's departments, the mayor, FEMA, MDEQ, and the U.S. Army Corps of Engineers.

The study was also coordinated with infrastructure improvements for a 350-unit residential development currently under construction. Full construction documents for the removal and replacement of all sea walls within the Harding Canal were prepared and submitted to FEMA. As a result of our efforts, the U.S. Army Corps of Engineers and FEMA have agreed to issue a conditional letter of map amendment to the city.