



REHABILITATION OF FOUR EMBANKMENT SITES BETWEEN MP E464 AND E472 ON THE ERIE CANAL



Owner:

*New York State Thruway Authority
Canal Corporation*

Location:

*Towns of Royalton and Lockport,
Niagara County*

Completion Date:

2002

Construction Cost:

\$460,000

Services:

- *Construction Inspection*

Watts Engineers was the prime consultant on this project that provided for the rehabilitation of four embankment sites along the Erie Canal. Watts Engineers oversaw the clearing of trees and debris; the drilling and grouting of holes in the towpath to stop seepage through the rock; and the placement of geotextile and stone filling/embankment to re-establish the inboard slopes. The project also included extending existing headwalls, wingwalls, aprons and a box culvert; and the installation of gabion walls and steel sheet piling. Erosion control measures, fencing along the pedestrian trail and landscaping were other improvements. The project also involved the removal of contaminated sediment from the canal when it was in a dewatered state.