

PROJECT DESCRIPTION

Buffalo Inner Harbor Project



Location:
Buffalo, New York

Client:
Herbert F. Darling
Inc., for Empire
State
Development
Corp.

Client Contact:
Mr. Tom Swiatek,
716 – 632-1125

View of Anchorage for Naval Vessels

McMahon & Mann Consulting Engineers, P.C. (MMCE) evaluated subsurface conditions at this site along the Buffalo River for the project contractor and developed designs for this waterfront structure. MMCE worked with the contractor, Herbert F. Darling, Inc. and the project designer, URS Consultants, to develop construction shop drawings and alternative designs for portions of the retaining wall for the Inner Harbor Project.

One of the alternative designs was for bollard cell anchorages shown in the picture above. These cells will provide anchorage for the naval vessels that are part of the Naval Museum at the Inner Harbor.

MMCE also provided designs and shop drawings for rock anchors. The rock anchors were drilled into the underlying Onondaga Limestone Rock Formation to provide lateral support for the wall in areas where the presence of existing structures prohibited the installation of the lateral support wall.