



PROJECT DESCRIPTION

Ravi Engineering and Land Surveying, P.C. (RE&LS) was responsible for base mapping a DTM for approximately 5,000 ft. of land along Lake Erie in Buffalo Harbor State Park in Buffalo, New York. RE&LS surveyed the properties using GPS and terrestrial methods. All topographic features were located at the time of survey, as well as utility features and boundary/row features.

RE&LS also merged multiple existing base mapping and DTM's provided by NYSDOT and information collected by Aquatic Sciences with the ground survey. Base Mapping was prepared in both Bentley Microstation and Autodesk Civil 3D formats. Additionally, RE&LS was responsible for preparing a sizeable boundary survey for multiple parcels. Subject property research was followed by preparing metes and bounds descriptions for the properties RE&LS had completed boundary surveys for.

RE&LS was also responsible for Asbestos and hazardous materials survey and sampling, inspection and testing for PCB caulks. Conducted a room-by-room investigation of all interior spaces within ten buildings and investigated the building exterior. Sampling was performed in accordance with AHERA regulations, 40 CFR Part 763.86 and 763.87 and NYS Code Rule 56 and Developed an Asbestos Pre-Demolition Survey Report summarizing the findings of the site investigation and sampling as well as a Hazardous Materials Pre-Renovation Survey Report.

Owner: Niagara Frontier Transportation Authority

Services Provided: Environmental Engineering & Survey Services

Completion Date: 2013