Blind Sodus Bay Barrier Bar REDI Project

PROGRESS REPORT

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FALL 2020 – WINTER 2020

SUMMARY OF PROGRESS:

Wayne County Soil and Water Conservation District (WCSWCD) established a contract with lead consultant B&L and partner Anchor QEA for design, engineering, and permitting services, including the State Environmental Quality Review (SEQR), for the Blind Sodus Bay Resiliency and Economic Development Initiative (REDI) Project.

Project coordination, conceptual design, and field data collection have begun for the project. WCSWCD has declared themselves lead agency for SEQR.

The team toured the site on July 30, 2020 by boat to observe the conditions along the shoreline within the Bay, the existing barrier bar, channel, and the lake shorelines adjacent to the project site. Following the visit, the team reviewed historical imagery, sent out Requests for Proposals (RFP) for bathymetric/topographic survey and geotechnical investigation, and B&L executed sub-consultant agreements with Thew Associates and Atlantic Testing Laboratories (ATL).

TASKS CURRENTLY UNDERWAY:

PROJECT TASK	TASK DESCRIPTION	% COMPLETE	ESTIMATED COMPLETION DATE
Agency Coordination	An initial meeting was held with regulatory agencies, stakeholders, and WCSWCD on October 29, 2020 to review conceptual design and design considerations.	100%	October 2020
Topographic/Bathymetric Survey	Topographic and bathymetric survey RFP was distributed and a contract was awarded to Thew Associates. Field survey has commenced.	90%	November 2020
Geotechnical Investigation	ATL was selected for this data collection, and developed a permit application for mobilization this past month at selected boring locations.	90%	November 2020

UPCOMING:

One of the next steps for this project will be coastal modeling. The conceptual design will be presented to and approved by the agencies and stakeholders at an additional meeting, and with results from field survey, the team will be able to begin coastal modeling. Modeling will also be refined once geotechnical data is collected. Geotechnical data demonstrates surface and sub-surface conditions that will impact the alignment, structural design, and location of structures.

The models are specialized computer programs that simulate waves and currents along the Lake Ontario shoreline for a range of conditions, including typical and storm events. This step is crucial in refining preliminary alignments, locations, and elevations of the proposed conceptual design structures. These models will also help in understanding the changes in waves, currents, and the movement of sand along the lakeshore, and determining what will be needed for permitting and SEQR.

WAYNE COUNTY SOIL & WATER CONSERVATION DISTRICT
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QUESTIONS AND COMMENTS? PLEASE SEND TO:
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