

**Village of Fox Point, WI  
Beach Drive Shoreline Restoration****MSA FIELD INSPECTOR:**

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**DATE**

June 19, 2023

**SUMMARY OF CURRENT JOB PROGRESS**

As of June 2, 2023, roughly 1000 feet of the completed revetment stone cross section has been placed on the south end of the project site. Michel's has brought in additional resources to the project since our last monthly update, so production has increased since the last update. Inspections are done a few times a week to track progress and monitor the quality of the armor stone.

As of May 19, 2023, 12,129 tons of revetment stone have been placed, resulting in an average of 17.97 Tons/LF. This is still slightly above the projected 17.56 that was projected but will continue to trend down as construction continues to the north. The tracking includes the leading edge of the W10 stone that has been placed. There is also gapping in the revetment stone for the storm sewers; however, that stone has been placed and stacked along side of those areas.

On June 2, 2023 MSA had a drone flight over the work zone to capture an in-action shot of the construction. Additional items worth noting are that a hydraulic line was broke during the placement of the stone on May 16, 2023, and approximately 10 gallons were estimated to have spilled. The area was promptly cleaned by the North Shore Fire Department and Michels. Michels has performed additional QA/QC gradation tests and to date none of the gradation tests have been out of specification.



Figure 1: Excavator equipped with GPS technology used to place the revetment stone at the exact right location and elevation. Pictured above creating a trench for storm sewer to be installed.

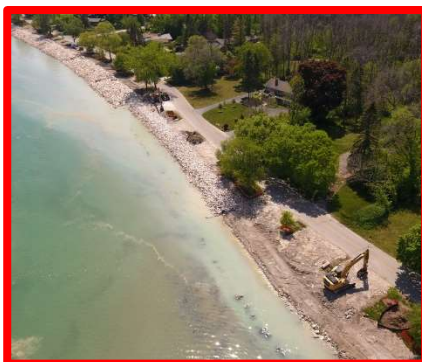


Figure 2. Photo looking south from the drone flight on 6/3/23. Image captures the complete revetment/ W (top of photo), placement of the W<sub>10</sub> stone (middle of photo) and excavation (bottom of photo).



Figure 3: Second excavator equipped with GPS technology clearing debris and preparing the base layer for installation of the armor stone.