

# CONSTRUCTION OBSERVATION REPORT

<b>Date:</b> October 4, 2021	<b>Time On Site:</b> 1:30 PM	<b>Time Off Site:</b> 3:30 PM
<b>Project:</b> Middlebury River Flood Resiliency Project (15032.00002)		
<b>Observed By:</b> Roy Schiff		
<b>Weather:</b> Drizzle, $\pm 50^{\circ}\text{F}$ , flows normal		

## Equipment / Operator

- CAT 325CL Excavator – Markowski Excavation, Inc. (idle at Grist Mill Road floodwall)
- CAT CS-323C Compactor – Markowski Excavation, Inc. (Staged nearby at J. Brown Property)
- CAT 336EL Excavator – Markowski Excavation, Inc. (Upstream site)
- CAT 259D Skid Steer – Markowski Excavation, Inc. (Upstream parcel, idle)
- On-Road Dump Trucks – Markowski Excavation, Inc.

## Personnel

- Tyler Truman, Markowski
- Dana Truman, Markowski
- Dan Parent, Parent

## Construction Activity

- Installing upstream bank armor
- Placing forms and installing rebar for upstream portion of the wall foundation

## Design/Construction Notes

- Reviewed rebar installation and appears to properly reflect the design plans.
- Spoke with VT Testing that will be on site tomorrow for second concrete pour.
- Pumping operation continues and hole for wall is dry and clean. Discharge water is flowing clear.
- Reviewed wall layout that appears to properly reflect plans.
  - Length of proposed wall is 149 feet
  - Width of proposed opening near trees is 13.5 feet
- SLR to provide information on connection / joint between existing and proposed wall.

## Compliance Notes

- No discharge of turbid water observed at any sites.
- Time extension to November 1 has been approved by project regulators to allow for the access road to remain in place along the proposed flood wall.

## Schedule

- Concrete pouring for part of foundation planned for Tuesday.
- Completion of the existing floodwall repair anticipated this week.
- Anticipate that upstream site will be complete during the first week of October.
- Would like to pour first part of wall next week.

## Photographs



***Figure 1: Stone armor and grubbing continues near the Welch property.***



***Figure 2: Rebar installation and forming in preparation of concrete pouring in upstream portion of proposed flood wall.***



***Figure 3: Foundation of the downstream portion of the proposed floodwall.***



***Figure 4: Overview of proposed flood wall under construction.***



**Figure 5: Stone armor installation near the Welch property.**