

# CONSTRUCTION OBSERVATION REPORT

<b>Date:</b> September 14, 2021	<b>Time On Site:</b> 9:00AM / 3:00PM	<b>Time Off Site:</b> 10:00AM/ 4:00PM
<b>Project:</b> Middlebury River Flood Resiliency Project (15032.00002)		
<b>Observed By:</b> Roy Schiff		
<b>Weather:</b> Partly Sunny, $\pm 75^{\circ}\text{F}$ , flows normal		

## Equipment / Operator

- CAT 336EL Excavator – Markowski Excavation, Inc. (Upstream site)
- Volvo EC298 LC Excavator with Vibratory Hammer – Parent Construction, Inc. (Idle)
- CAT 325CL Excavator – Markowski Excavation, Inc. (Grist Mill Road floodwall)
- CAT 259D Skid Steer – Markowski Excavation, Inc. (Upstream parcel)
- On-Road Dump Trucks – Markowski Excavation, Inc.

## Personnel

- Tyler Truman (Site Superintendent / Operator) – Markowski Excavation, Inc.
- Dana Truman (Operator) – Markowski Excavation, Inc.
- 4-person Work Crew – Parent Construction, Inc.

## Construction Activity

- Mulched Goodro's Lumber site
- Testing installed ground anchor rods at existing flood wall repair
- Digging hole for new flood wall
- Building access at upstream site
- Cleaned out flood chute at upstream site
- Adjusted berm armor at upstream site

## Design/Construction Notes

- Goodros site about complete. Final items include:
  - Remove port-a-potty; and
  - Remove construction tape.
- All of tested ground anchors have passed. 4 remain to be tested.
- 17-foot section of concrete in the way at the proposed flood wall that cannot be excavated. SLR structural engineer to come up with plan for this section.
- Upstream site flood chute properly cleaned out. Discussed keeping chute entrance at existing elevation to not invite flood water towards the properties. Chute will be cleaned out so if it does flood it will be less likely to snag debris.
- Reviewed plan to armor flood chute bank along homes.

## Compliance Notes

- Project limit tape properly installed.
- Traffic control signs properly posted.

- No discharge of turbid water observed at any sites.

#### **Schedule**

- Prepare new wall footing next week.
- Complete testing at ground anchor rods.
- Being armoring bank at upstream site.

#### **Photographs**



***Figure 1: Seed and mulch at Goodro's site.***





**Figure 2: Ground anchor testing.**





***Figure 3: Access road at upstream site.***





***Figure 4: Cleaned out upstream flood chute.***





***Figure 5: Sheet piling installed for new flood wall section, minus the area with concrete that cannot be excavated.***