

Weekly Construction Progress Report



Client:	The Nature Conservancy
Project Name:	Wannemacher Nature Reserve
Project Location:	Miami County, Ohio
Date:	WE 10/6/2023

Description of Work Performed	Notes
Corridor clearing, rough and final grading, and log sill cascade construction	<p>Harvest and stockpiling of topsoil, on-site boulders, timber and woody debris continued in-tandem with corridor clearing and channel realignment.</p> <p>Construction of the new channel continued from Sta 22+00 to 18+00, including finished grading of the right descending bank (RDB). DRG crews seeded and blanketed finished surfaces.</p> <p>Imported limestone gravel (#57 stone) was mixed with native cobble and channel substrate to create the "reinforced bed mixture" at runs and glides between Sta 24+00 and 22+00. Given the gradation observed, it was determined that larger imported stone (#3 and #4 cobbles) would be needed for subsequent run/glide locations.</p> <p>Boulder toe with branch packing was constructed along the left descending bank (LDB) from approx Sta 21+20 to 20+00.</p> <p>Salvaged boulders and timbers were used to construct the second log sill cascade structure at Sta 19+50.</p> <p>Rough grading began in preparation for installation of the toewood revetment near Sta 19+00, as well as for installation of the next log sill cascade structure near Sta 18+00.</p> <p>Efforts were made to preserve existing trees adjacent to the earthwork operations at Sta 18+00, and discussed with TNC during the weekly field visit (Wednesday, Oct 4th). It was agreed that the width of the bankfull floodplain could be adjusted +/- 15% of the width shown on the plans, in order to avoid any additional removal of canopy trees. Younger trees, shrubs and saplings could be harvested with root mass intact and transplanted on the new bankfull floodplain.</p>

Inspector: B. Kwiatkowski	Date Submitted: 10/6/2023
Reviewed By: C. Straub	Company: Davey Resource Group, Inc.



Photograph 1: Construction of the new channel from Sta 20+00 to 18+00.



Photograph 2: Rough grading new channel alignment downstream from Sta 19+00.



Photograph 3: Installing "reinforced bed mixture" at runs and glides near Sta 23+50.



Photograph 4: Seed and blanket installation along the bankfull floodplain, right descending bank.

